

Faculty Profile



Name **Sr. S. Sahaya Leenus**

Designation : Assistant Professor

Department : Chemistry

Date of Birth : 30.04.1982

Date of Appointment : 15.06.2016

Academic

S. N	Degree	University / Institution	Year of Completion
1	B.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2006
2	M.A(Christian Studies)	Madras University, Chennai.	2008
3.	Formators Course	Beschi College Dindugal	2009
4.	B.Ed.	Mahatma College, Pudukkottai.	2010
5.	M.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2014
6.	M.Phil.	M.K.U, Madurai	2017
7.	S.E.T	Mother Therasa Women's University, Kodaikannal.	2017
8.	(Ph.D)	Karunya University,Coimbatore.	2019 onwards

Total Experience : **UG: 07 year PG: 07 year M.Phil: 04 Year**

Area of Specialization/Interest : **Electro chemistry & Nanotechnology**

Professional Affiliation

S.NO	YEAR	PROFESSIONAL AFFILIATION
1.	2016-17	Member in Xavier board of higher Education and Campus ministry
2.	2017 - 18	Member in Xavier board of higher Education and Campus Ministry
3.	2018 - 19	Member in Xavier board of higher Education and Campus Ministry& Press committee
4.	2019 - 20	Member in Fine arts and Press Committee
5.	2020 - 21	Coordinator in Entrepreneurship Cell & member in Fine arts
6.	2021-22	Coordinator in Entrepreneurship Cell & member in Fine arts
7.	2022-23	Coordinator in Entrepreneurship Cell & member in Fine arts
8.	2023 -24	Member in Fine arts

Research Publications:

International Publications : 06

1. T. Johny Dathees, **S.Sahaya Leenus**,R.Anitha, C.Sagaya Rani, Plant mediated synthesis of silver nanoparticles and their biological activities: 5(3) May-June 2016, ISSN 2319-8141, 249-258.
2. T. Johny Dathees, **S.Sahaya Leenus**,J.Jenifer,K.Kharaniya, Green synthesis of silver nanoparticles, International Journal of Universal Pharmacy and Biosciences:5(6), November-December 2016, ISSN 2319-814, 146-157.
3. **S.SahayaLeenus**,T.Johny Dathees,P.Nivetha,S.Ilakkiya,Green Synthesis of Silver Nanoparticles and their Antimicrobial Activity, Journal of Emerging Technologies and Innovative Research (An International

Open Access Journal & UGC and ISSN Approved), ISSN: 2349-5162, Vol. 6, Issue.3 March 2019.

4. T.JohnyDathees,**S.SahayaLeenus**,S.MariaEsther,P.Revathi
,Photodegradation of Methylene Blue in the presence of Solar Light using CdO Nanocatalyst ,Journal of Emerging Technologies and Innovative Research (An International Open Access Journal & UGC and ISSN Approved), ISSN: 2349-5162, Vol. 6, March 2019.
5. **Sr.S.SahayaLeenus***, Devasahaya Maryl, T.
Madhumitha²,P.Mageshwari³, Sr.T. Johny Dathees⁴
Green Synthesis Of Silvernanoparticles Using Muntingia
Calabura L, (Fruits)Citrus Reticulata leaves and Their
Antimicrobialactivity (An International Open Access Journal & UGC and
ISSN Approved) 2020 JETIR January 2020, Volume 7, Issue 1
www.jetir.org (ISSN-2349-5162)
6. Sr.T.Johnydathees,S.vinitha,J.Vijayalakshmi,**Sr.S.SahayaLeenus**
“Green synthesis of copper oxide nanoparticles and their antimicrobial
activity”in the journal of Emerging Technologies and innovative
Research,7(1)2020,pp 831-840,ISSN No 2349-5162.

Patent:

1.	“A cost effective and low power consuming textile effluent treatment method for effluent reclamation” Nov 4th 2022. Temp/E-1/71080/2022-CHE
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Project:

1.	JAC/2022-2023/JACFRP-Scholar/7 “Treatment of textile waste water by electrocoagulation process” 30.09.2022	1000/-
2.	TNSCST, ES-326 “Reuse of Textile Waste Water by Electrocoagulation Using Alternative Electrodes” March 2023.	7500/-

Seminars/Conferences/Workshops Participated:

Year	Title of the Paper	Seminar	Place & Date	Level
2016 - 2017	Green synthesis of silver nanoparticles	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 - 2018	-	Workshop on Statistics using Excel and SPSS in Collaboration with AIMST University	17.01.2018 to 19.01.2018 Jayaraj Annapackiam College For Women, Periyakulam	International
2017 - 2018	-	National Seminar on Recent Trends in Chemistry (RTC-8)	23.01.2018 Jayaraj Annapackiam College For Women, Periyakulam.	National
2017 - 2018	-	Workshop on women in science and Research	19.02.2018 & 20.02.2018 IQAC in collaboration with United states India Educational foundation, Chennai.	National
2018 - 2019	-	Educating Educators on Psycho Spiritual Mentoring	19.07.2018 to 20.07.2018 & 10.10.2018 to 12.10.2018 Christian Studies and Counseling Psychology, university of Madras, Chennai	National
2019 - 2020	-	National Seminar on Recent Trends in Chemistry (RTC-10)	10.12.2019 Jayaraj Annapackiam College For Women, Periyakulam	National

	-	NAAC Sponsored National Seminar on Quality in Teaching and Research.	03-02-2020, Mother Theresa Women's University, Kodaikannal.	National
	-	Effective usage of ICT Tools for E-Content preparation (Online course)	27-04-2020 to 02-05-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam.	National
	-	Digital Tools For Smart Classroom In Higher Education (Online course)	06-05-2020 to 07-05-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam.	National
	-	National webinar on outcome based education (Online course)	22-05-2020 to 29-05-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	National
	-	"Free statistical tool for research data analysis and research publication with special reference to citation ,impact factor and h index" (Online course)	01 & 02-06-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	National
	-	"Let us lockdown the stress" (Online course)	05 & 06 -06 -2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	National

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	-	“Functional properties of bandgap engineering of ZnO and GaN Alloy” (Online course)	08-06-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	International
	-	“Organic foods and healthy life style” (Online course)	10-06-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	National
	-	“Porous carbon based nano composite for energy storage and sensing” “Chemical biology of covid 19” (Online course)	11& 12 -06 -2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	International
	-	“Women in Entrepreneurship ” (Online course)	15-06-2020 Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	National
2020 - 2021	-	National Seminar on Recent Trends in Chemistry –I- 2	11.03.2021& 12.03.2021 Jayaraj Annapackiam College For Women, Periyakulam	International
	Romoval of pollutants from a real textile	Challenges and Opportunities in Water and Wastewater	29.03.2021&30.03.2021 Karunya Institute of technology and Sciences.Karunya	International

	dyeing waste water using stainless steel electrode in electrocoagulation.	Management & World Water Day Celebration. (Online) International Webinar on Advancements in Chemical Sciences : Research Prospects and Career Options	University. Coimbatore. 17.06.2021. Karunya Institute of technology and Sciences. Karunya University. Coimbatore.	International
2021 - 2022	Efficacy of Electrocoagulation in removal of dye pollutants from synthetic dye solution using Ti Electrodes	In Association with Alternative Energies and Atomic Energy Commission (CEA), Universite Gustave Eiffel, France. (Online)	17-19th February 2022. Department Of Chemistry SRM Institute Of Science And Technology Kattankulathur – 603 203	International
	Treatment of Dispersive Dyeing Effluent by a Hybrid Electrocoagulation	Two days National Virtual Conference On Emerging Trends in Chemical Sciences. (NCETC -22)	25 & 26 th march 2022 Karpapagam Academy of Higher Education. (Deemed to be university) Coimbatore . Department of Chemistry, Emerging Trends in Chemical Sciences.	National
2022 - 2023	Faculty induction programme	UGC-HRDC Pondicherry university 9 th FIP programme	03 rd Nov to 02 Dec 2022, UGC-HRDC Pondicherry university 9 th FIP programme.	FIP Programme

Conference Presentations:

Year	Title of the Paper	Seminar	Place &Date
2016-2017	Green synthesis of silver nanoparticles	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
2017-2018	Production and characterization of milk clotting enzyme from Moringa Oleifera Seeds Extract	UGC Sponsored National Seminar on Recent Trends in Chemistry (RTC-8)	23.01.2018 Jayaraj Annapackiam College For Women, Periyakulam (National)
2018-2019	Green Synthesis of Silver Nano Particles and Their Antimicrobial Activities	Nano national summit - current trends and future perspective's	Holy Cross College ,Trichy 10-01-2019(National)
2019-2020	Green Synthesis of Silver Nanoparticles using <i>Celosia Spicata Flamingo</i> and their Antimicrobial Activity.	National Seminar on Recent Trends in Chemistry (RTC-10)	10.12.2019 Jayaraj Annapackiam College For Women, Periyakulam (National)
2020-2021	Removal of pollutants from a real textile dyeing waste water using stainless steel electrode in electrocoagulation.	International Conference on Challenges and Opportunities in Water and Wastewater Management &World Water Day Celebration.(Online)	29.03.2021 - 30.03.2021 Karunya Institute of technology and Sciences.Karunya University. Coimbatore.(International)

2021-2022	Efficacy of Electrocoagulation in removal of dye pollutants from synthetic dye solution using Ti Electrodes.	In Association with Alternative Energies and Atomic Energy Commission (CEA), Universite Gustave Eiffel, France.(Online)	17-19th February 2022 Department Of Chemistry SRM Institute Of Science And Technology Kattankulathur – 603 203. (International)
	Treatment of Dispersive Dyeing Effluent by a Hybrid Electrocoagulation	Two days National Virtual Conference On Emerging Trends in Chemical Sciences.(NCETC-22)	25 & 26th march 2022 Karpapagam Academy of Higher Education.(Deemed to be university)Coimbatore.

Research Experience: 07 Year

Research Guidance:

No. of PG projects guided: **11**

Books Published :

Value Education	978-81923121-4-9, 2017-2018.
Allied chemistry Volume -1	978-81-2344-024-9, 2020-2021.
Allied chemistry Volume -11	978-81-2344-109-2, 2021-2022.

Resource Person:

2018-2019	Resource Person for SET/NET Coaching	Jayaraj Annapackiam College For Women, Periyakulam.
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Organised:

S. No.	Title of the Programme	Institution/Venue	Date
1	Served as a Co - Coordinator for the In-service training programme for science teachers, Theni Dist, Catalysed and supported by Tamil NADU state Council for Science and Technology, Chennai.	Jayaraj Annapackiam College For Women, Periyakulam.	18.02.2019 to 22.02.2019
2	Served as an Organizing Secretary, Two Day International Webinar organized by PG and Research Center of Chemistry, “Porous carbon based nano composite for energy storage and sensing” “Chemical biology of covid 19” (Online course)	Jayaraj Anna Packiam College For Women Autonomous ,Periyakulam	11 -06 2020 & 12-06-2020
3	Served as a convener, One day International webinar, Recent Trends in Chemistry, organized by PG and Research Centre of Chemistry, and Jyoti Nivas College, Autonomous, Bangalore. “Recent Advances of Green synthesis” Protective fabrics/ composites for efficient multifunctional applications.	PG and Research Centre of Chemistry, and Jyoti Nivas College, Autonomous, Bangalore.	19.12.2022

Contact Details:

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J.A.College for women autonomous,
Periyakulam,
Theni (Dt)- 625601.**

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