

FACULTY PROFILE



Name : **MS. S. Maria Esther**
Designation : **Assistant Professor**
Department : **Chemistry**
Date of Birth : **01.12.1995**
Date of Appointment: **17.06.2019**

Academic

S. No.	Degree	University / Institution	Year of Completion
1.	B.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2016
3.	M.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2018
4.	M.Phil.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2019

Total Experience: 06 years

Area of Specialization/Interest: Coordination Chemistry and Spectroscopy

Professional Affiliation:

2019-2020	Member in AIACHE/Campus ministry & Karate committee
2020-2021	Member in AIACHE/Campus ministry and Attendance committee
2021-2022	Member in AIACHE/Campus ministry, Physical education Committee
2022-2023	Member in AIACHE/Campus ministry, Physical education Committee
2023-2024	Member in AIACHE/Campus ministry, Physical education Committee and Unnat Bharat
2024-2025	Member in AIACHE/Campus ministry, JACEP and Unnat Bharat

2025-2026**Member in AIACHE/Campus ministry, JACEP and Synergy cell****Research Publications: 01****Publications in National Journals:**

- S. Maria Esther, J. Jeevitha Rani and A. Mary Imelda Jayaseeli, Photocatalytic Efficiency of Fe (III) Schiff base complex for Methylene Blue Dye, JAC JOSHAM Journal 2022

Seminars/Conferences/Workshops Participated:

Year	Seminar	Place	Level
2018-2019	International Seminar on Recent Trends in Bioinorganic Chemistry (RTBIC19)	Loyola College (Autonomous), Chennai, 18 th February 2019	International
2023-2024	Science Academics Lecture Workshop on Emerging Trends in Chemical Science	Hajee Karutha Rowther College, Uthamapalayam	National

Conference Presentations:

Year	Title of the Paper	Seminar	Place & Date
2018-2019	Protein Binding Studies of Schiff Base Complexes	International Seminar on Recent Trends in Bioinorganic Chemistry (RTBIC19)	Loyola College (Autonomous), Chennai, 18 th February 2019
2018-2019	Iron and Nickel Naphthylene Schiff Bases: BSA Interaction and Photodegradation Studies	International Conference on Recent Trends in Chemistry and Bioscience (ICRTCB 2019)	Madurai Kamaraj University, Madurai, 16 th and 17 th May 2019

2023-2024	Antimicrobial Activity of Co (II) and Ni (II) Schiff Base Metal Complexes Derived from 2-Hydroxy 1-Naphthaldehyde and Ethylene diamine	International Conference (Hybrid Mode) on Advanced Functional Materials for Sustainable Development	PG and Research Center of Chemistry, JAC, Periyakulam on 04.03.2024 and 05.03.2024
2024-2025	Anticancer activity of Fe (III) Schiff base Complex derived from 2-Hydroxy 1-Naphthaldehyde and Ethylene Diamine	National Seminar on Interdisciplinary Trends in Life Science	PG and Research Center of Zoology, Jayaraj Annapackiam College for Women (Autonomous) Periyakulam on 25.09.2024
2025-2026	Synthesis, characterization of Schiff base complexes from Salicylaldehyde	National Seminar Chemistry (RTC-11)	PG and Research Center of Chemistry, JAC, Periyakulam on 28 th January 2026

Webinar Attended:

Year	Name of the conference	Date & Organization
2019-2020	National Webinar on Taking Research Forward During The Pandemic	Loyola Institute of Frontier Energy (LIFE), Loyola College (Autonomous), Chennai 20.05.2020
	Webinar on Energy, Energy Everywhere, How to harness it?	Department of Chemistry, V.O. Chidambaram College
	National Webinar on History of Covid 19 Pandemic	PG and Research Centre of History, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam 22.05.2020
	Webinar on Guidelines for Writing a Research Paper	Research Committee, Arasu Engineering College, Kumbakonam 22.05.2020
	Webinar on Mathematical Modeling of infectious Diseases: Applications to Covid 19	Department of Mathematics, Partician College of Arts and Science, Chennai 27.05.2020
	International Webinar on Chemistry	Department of Chemistry, The American College, Madurai 29.05.2020

	National Webinar on Outcome Based Educations	International Quality Assurance Cell (IQAC) of Jayaraj Annapackiam College for Women (Autonomous), Periyakulam 22.05.2020-29.05.2020
	Webinar on Covid 19-Scientific Perspective	Department Chemistry and Research Center of Aditanar College for Arts and Science, Virapandianpatanam. 30.05.2020
	Webinar on Natural Dye: An Alternative source for synthetic dye	Arasu Engineering College, Kumbakonam. 29.12.2020
	Two Day International Webinar on Recent trends in Chemistry (RTC-I-2)	PG and Research Center of Chemistry, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 11 & 12.03.2021
2021-2022	Quality Enhancement Initiative Through Innovative Practices	Internal Quality Assurance Cell (IQAC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni 03.05.2021
	Role of reagents in Organic Synthesis and role of Chemists during Pandemic Period	Sakthi College of Arts and Science for Women, Oddanchatram, Dindigul 21.05.2021
	Webinar on Fit India -2021	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 15.09.2021
	One Day International Webinar on Recent trends in Chemistry (RTC-I-3)	PG and Research Center of Chemistry, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 18.09.2021
2022-2023	National Level one-week Online Faculty Development Programme on Proactive Intelligence for Professional Excellence	Internal Quality Assurance Cell (IQAC), Fathima College (Autonomous), Madurai from 10.04.2023 to 15.04.2023
2023-2024	one day State Level Online Workshop on Career Guidance and Tips to Crack NET, GATE, SET and TRB Exams for Chemistry Graduates	Department of Chemistry in association with IIPC, Kongu Engineering College, Perundurai, Erode and PG Department of Chemistry, Vellalar College for Women, Erode on 02.03.2024
2024-2025	One Day National Level Workshop on Chemdraw and Chems sketch	A.C.T. Academy, Kerala & Tamil Nadu on 21.08.2024
	Two Days Workshop on "Molecular Docking"	Department of Bioinformatics, Nirmala College for Women (Autonomous), Coimbatore on 29.07.2024 and 30.07.2024

	International Webinar on Recent Trends in Chemistry (RTC-I-6)	PG and Research Center of Chemistry, JAC – Periyakulam on 06.09.2024
	Two Day Project Proposal Development Workshop on “Rural Livelihood and Entrepreneurship Development”	Unnat Bharat Abhiyan- Subject Expert Group, Rural and Entrepreneurship Development, The Gandhigram Rural Institute, (DTBU), Gandhigram from 30.09.2024 to 01.10.2024
2025-2026	Two Days online Workshop on Molecular Docking Procedure	A.C.T Academy, Kerala on 30.06.2025 and 01.07.2025
	Five Day International Virtual Faculty Development Programme (IVFDP) on Harnessing Generative AI: Smart Tools for Teaching, Learning, Evaluation & Research (TLE&R)	Department of Computer Science, St.Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu, collaborated with South Asia Center, Globethics, Bengaluru, Karnataka
	International Webinar on “Multidisciplinary Approaches in Research for Sustainable Development”	PG and Research Center of Zoology and Advanced Zoology & Biotechnology, J.A.College on 12.12.2025
	7 days National Level Short Term Training Programme (online) on "Reimagining Classrooms: Innovative Pedagogies for Engaged and Outcome-Based Learning”	PG Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with Department of Computer Science, Teresian College, Mysuru on 05.11.2025 to 12.11.2025

Research Expeience:07

Research Guidance: 07

- No. of PG Project Completed: **06**
- No. of UG Project Completed: **04**

Awards/Rewards:

- **Empowered Woman Award-2024** organized by Silampoli Foundation on November 2024

- **"Pasumai Vithaisemmal viruthu"** for tree plantation from Pasumai vasal Foundation, Chinnalapatti, Dindigul on 17.11.2024
- **Nal Aasan Viruthu** organized by Pasumai vasal Foundation, Chinnalapatti, Dindigul and Mohan Foundation, Kollamkode, Kanyakumari on 15.07.2025
- **Successfully completed the NPTEL ONLINE CERTIFICATION Course on "Biological Inorganic Chemistry". July- October 2025, 12-week Course**
- **"Pasumai Nesar Award-2025"** by Pasumai Vasal Foundation, Chinnalapatti, Dindigul on 31.12.2025

Contact Details:

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