

Faculty Profile



Name : Dr. M. Vimala Joice

Designation : Assistant Professor

Department : Chemistry

Date of Birth : 08.09.1980

Date of Appointment: 16.06.2017

Academic

S. N	Degree	University / Institution	Year of Completion
1	B.Sc.	Annai Velankanni College, Tholayavattam.	2001
2	M.Sc.	St. Joseph's College, (Autonomous), Trichy.	2004
3	B. Ed	Bishop Agniswamy College of Education, Muttom	2008
4	M.Phil.	St. Joseph's College, (Autonomous), Trichy.	2009
5	NET	CSIR	2012
6	Ph. D	Manonmanium Sundaranar University, Thirunelveli.	2023

Total Experience : UG : 08 Yrs PG : 08 Yrs

Area of Specialization/Interest : Bio-Inorganic Chemistry

Professional Affiliation : 2017 - 2024 –Attendance Committee
2019 - 2022 – NSS Programme Officer
2020-2021- Foundation Course Committee
2022-2023- Extension Member (JACEP)
2022-2023- Extension Member (JACEP)
2024-2025- IQAC Member
2024-2025- Research Committee

Research Publications:

International Publications : 2

1. M. Vimala Joice, P. Metilda, Synthesis, Characterization and Biological applications of Curcumin-lysine based Schiff base and its metal complexes in the Journal of Coordination Chemistry (Taylor and Francis). DOI: 10.1080/00958972.2021. 1951258. Vol-74.
2. M. Vimala Joice, P. Metilda, Biologically important Schiff base- metal complexes derived from arginine and Curcumin derivatives in the Journal of the Iranian Chemical Society (Springer) DOI: 10.100/S 13738-021-02468-6

National Publications : 1

1. M. Vimala Joice, P. Metilda, Investigation of Metal (II)-Curcumin-Glycine Complexes: Preparation, Structural Characterization and Biological activities: Vol-37 March 2021, ISBN 2231-5039

Seminars/Conferences/Workshops Participated:

<i>Year</i>	<i>Title of the Paper</i>	<i>Seminar</i>	<i>Place & Date</i>	<i>Level</i>
2017-18	Surface Modification of Carbon Steel by an Aqueous Extract of Iridax Procumbens Flower	Recent Trends in Chemistry (RTC-8)	St. Anne's Auditorium, JAC 23.01.2018	National
2018-19	-	IAS Sponsored Lecture Workshop on Recent Trends in Chemistry (RTC-9)	28.09.2018 & 29.09.2018 Jayaraj Annapackiam College for Women, Periyakulam	National
2019-20	Synthesis and Characterization and Biological Applications of Curcumine-Lysine based Schiff Based Ligand	National Seminar on Recent Trends in Chemistry (RTC-10)	10.12.2019 Jayaraj Annapackiam College for Women, Periyakulam	National
2020-21		"Implementation of Academic Bank of Credits"	July 10, 2021 Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi	National
2020-21		"Innovative Research in Chemical Sciences"	July 10, 2021, PG & Research Department of Chemistry of Government Arts College, Trichy-22, Tamil Nadu	International
2020-21		"Challenges and Opportunities In Advanced Materials"	July 14, 2021, PG & Research Department of Chemistry and IQAC, Government Arts College, Trichy.	International
2020-21		"Recent Advances in Chemistry"	July 26, 2021, Department of Chemistry and IQAC, Govt.G.N.A. PG College, Bhatapara (C.G).	National

2020-21		Recent Advances in Solid State Chemistry and Allied Sciences	16.08.2021 & 17.08.2021, Association of Chemistry Teacher (ACT) & Indian Association of Solid-State Chemists and Allied Scientists (ISCAS)	National
2021-2022	Induction/Orientation Programme	4-week Induction/Orientation Programme	18.05.2021- 17.06.2021, Teaching Learning Centre, Ramanujan College, University of Delhi	National
2021-2022	ARPIT Course- Online Refresher Course in Chemistry for Higher Education	Swayam Portal for Career Advancement Scheme (CAS)	21.08.2021, S.G.T.B, Khalsa College, University of Delhi	National
2021-2022	In-Service Teacher Training programme in Physical Sciences	2-day In-Service Teacher Training programme in Physical Sciences	05.05.2022 and 06.05.2022, Sri. Meenakshi Government Arts College for Women(A), Madurai-2	National
2022-2023	Creating Dynamic Women	Three -Day Training Programme	09.03.2022 to 11.03.2022, National Service Scheme, JA College, Periyakulam	National
2022-2023	Benchmarking Academic Processes and Practices in Higher Education	2- day National Seminar	27.04.2023-28.04.2023, Christ University, Bangalore	National
2022-2023	Refresher Course	Managing online classes & co-creating Moocs 26.O	08.05.2023-22.05.2023 Teaching Learning Centre, Ramanujan College, University of Delhi	National

2023-2024	Outcome-Based Education & Essential AI Tools for Teachers	7-day National Level Online Faculty Development Programme	10.08.2023-18.08.2023, Internal Quality Assurance Cell (IQAC) of Carmel College (Autonomous), Mala in association with "The Kerala State Higher Education Council(KSHEC)	National
2023-2024	Design & Development of e-Content for Online Learning and Moocs	6-day Short-Term Professional Development Programme	29.01.2024- 03.02.2024 Organized by IGNOU	National
2024-2025	Food oils and Fats: Chemistry and Technology	NPTEL online Certification from Swayam Portal	July-Oct 2024 (12 week course)	National
2024-2025	ENLIGHTEN	Three days workshop	Christ University Higher Education Leadership Institute, Kengeri Campus, Bangalore from 27 th to 29 th March, 2025	National

Conference Presentations:

Year	Title of the Paper	Seminar	Place &Date
2017-18	Synthesis, Characterization and biological application of curcumin based Schiff base ligand.	Recent Trends in Chemistry (RTC-8)	St.Anne's Auditorium, JAC. 23.01.2018
2018-19	Synthesis, Characterization and biological application of curcumin based Schiff base ligand.	Internal Conference on Advances in Sustainability of Materials and Environment (ICASME'19)	St.Xavier's Catholic College of Engineering, Chunkankadai. 04 & 05. 04.2019
2019-20	Synthesis and Characterization and Biological Applications of Curcumine-Lysine based Schiff Based Ligand	National Seminar on Recent Trends in Chemistry (RTC-10)	10.12.2019 Jayaraj Annapackiam College for Women, Periyakulam
2023-2024	i) Characterization and Antimicrobial Activity of Green Synthesized NiO Nanoparticles using <i>Acalypha Indica</i> leaves Extract ii) Characterization and	International Conference on Advanced Functional Materials	04.03.2024 and 05.03.2024 Jayaraj Annapackiam College for Women, Periyakulam

Antimicrobial Activity of Green Synthesized NiO Nanoparticles using <i>Acalypha Indica</i> leaves Extract		
iii) Characterization and Antimicrobial Activity of Green Synthesized NiO Nanoparticles using <i>Acalypha Indica</i> leaves Extract		

Research Experience & Guidance : 05 years

Number of Students Guided : 11

Resource Person:

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