

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 : 09 Yrs PG : 09 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)
2024-2026- IQAC Member
2024-2026- Research Committee
2024-2026- OBE Monitoring 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 26.0	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
2025-2026	Binary Accreditation & Usage of AI	Workshop	St. Mary's Centenary Degree College, St. Francis Street, Secunderabad, Telangana, India	National
	Faculty Development Programme (IVFDP) on Harnessing Generative AI: Smart tools for Teaching and Learning, Evaluation & Research (TLE&R)		Department of computer Science, St. Joseph's College, Trichy	International Level
		Workshop	PG and Research Department of Mathematics & Department of Computer Applications, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni (Dt) in collaboration with ACT Academy, Tamil Nadu unit.	National Level

	7 days National Level Short Term Training Programme (online) on "Reimagining Classrooms: Innovative Pedagogies for Engaged and Outcome-Based Learning	Short Term Course	PG Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with Department of Computer Science, Teresian College, Mysuru.	National Level
	NEP 2020 Orientation and Sensitization Programme	Short Term Course	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by the Gandhigram Rural Institute - DTBU, Grandhigram	National Level
	"Curriculum Development and Assessment Methodologies	workshop	Tamil Nadu State Council for Higher Education at The American College, Madurai.	National Level

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 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	International Conference on Advanced Functional Materials	04.03.2024 and 05.03.2024 Jayaraj Annapackiam College for Women, Periyakulam
2025-2026		International Conference on Chemistry Innovation: Current Developments, Challenges and Future perspectives (ICCI-2025)",	St. Joseph's College (Autonomous) and Bishop Heber College (Autonomous), Tiruchirappalli

Book Publications:

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

Research Experience & Guidance : 09 years

Number of Students Guided : 13

Resource Person:

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

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Tamaraiakulm,
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Theni Dist - 625601.**

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11/4 Nila Illam, Pannankarai
Kanyakumari (Dt)- 629151.**

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