



FACULTY PROFILE

Name	DR.JANEY MARY MATHEW
Designation	ASSISTANT PROFESSOR (LEVEL-12)
Department	POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY

PERSONAL VISION AND MISSION

To be a catalyst for intellectual and social transformations, fostering open minds with creativity and commitment to social justice in all academic and professional endeavours.

PERSONAL DETAILS

Date of entry into permanent service	06. 07. 2011
Total teaching experience as on 01 December 2025	14 years & 24 days.
Age and Date of Birth	46 yrs, 26.09.1979
Residential Address	Thyvilayil House, Nariyapuram P.O Pallakuzhy Pathanamthitta
Address for Correspondence	Thyvilayil House, Nariyapuram P.O Pallakuzhy Pathanamthitta
Mobile / Whatsapp Number	Mob: 9846091912
E-mail (Personal and Official)	janeyginu@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Subject	Institution and University	Grade/ Rank etc.
UG	B.Sc Triple main (chemistry, Microbiology & Zoology)	University of Mysore	First class
PG	M.SC Analytical Chemistry	St.Thomas College, Kozhencherry, Mahatma	First class



		Gandhi University, Kottayam	
M Phil	-	-	-
Ph D	Syntheses of ligand & Metal complexes of N,N-disubstituted Heterocyclic ketone thiosemicarbazones.	Mahatma Gandhi University, Kottayam	Date of Award 23.03.2021
NET	Chemical Sciences	UGC-CSIR	53 rd Rank

COLLEGE LEVEL DUTIES / MAJOR CHARGES

Duty	Position	Duration
College PTA	Secretary	2019- 2023
College Admissiom committee	Member	2020-2023
College cooperative society	Director Board Member	2022-2027
Quiz & Debate Club	Convenor	2022-2025

POSITIONS HELD/ AWARDS/ RECOGNITIONS/ MAJOR ACHIEVEMENTS

Name	Details
<ul style="list-style-type: none"> M.Sc IVth sem Analytical Chemistry board 	<ul style="list-style-type: none"> Board Member, since 2018, M.G.University, Kottayam.
<ul style="list-style-type: none"> Question Bank Setter, IVth sem, M,Sc Analytical Chemistry Scheme setter, MSc Chemistry Ist Sem exam 2022. Paper- Quantum Chemistry And Group Theor 	<ul style="list-style-type: none"> Scheme setter, MSc Chemistry Ist Sem exam 2022. Paper- Quantum Chemistry And Group Theory M.G.University, Kottayam Second Place in Poster presentation.
Best Paper Award	<ul style="list-style-type: none"> Two Days virtual International Conference on Multidisciplinary Aspects in Chemistry (ICMAC-2022), during 20-21 January, 2022.
Question Paper Setter	S.B College, Changanacherry
Research Supervisor	M.Sc Project (2023-2024)

RESEARCH AND CONSULTANCY



Year of Award of Ph.D.	23.03.2021
No. of Publications	6
No. of Patents awarded	-
No. of papers presented in Conferences, Seminars, Workshops and Symposia	8
Year of Award of Research Guideship	23.03.2021
No. of Ph.Ds produced	-
No. of Ph.D. students currently registered	-
No. of Major Research Projects awarded/completed	-
No. of Minor Research Projects awarded/completed	-
Total amount of research grant awarded	-
Area of Consultancy	-
Income generated by consultancy during the last five years	-

PUBLICATIONS AND PRESENTATIONS

International/ National Publications	<ul style="list-style-type: none"> • Short term in vitro cytotoxicity studies of zinc (II) complexes of a tridentate N, N, S-donor thiosemicarbazone ligand, Hbptsc synthesized from 2 benzoylpyridine and Piperazine Base. Janey Mary Mathew, Jesty Thomas, International Journal of Research and Analytical Reviews (IJRAR),(E-ISSN 2348-1269, P- ISSN 2349-5138) 2019 IJRAR March 2019, Volume 6, Issue 1. • A comparative study of the antibacterial and short term in vitro cytotoxicity studies of copper (II) complexes of a tridentate N,N,S-donor ligand (HBPTSC) derived from 2-benzoylpyridine and piperazine base. Janey Mary Mathew, Jesty Thomas and Varughese Philip, ISSN: 2395-1052, IJSART - Volume 5 Issue 3-MARCH 2019 • Synthesis, Spectroscopic Characterization, Antibacterial and Short Term in vitro Cytotoxicity Studies of Copper (II) Complexes of Novel Tridentate N,N,S-donor Ligand 2-benzoylpyridine-N(4),N(4)-(N,N-diethyl-N methylamine-2,2'-diyl) thiosemicarbazone Janey Mary Mathew^{1*}, Varughese Philip² and Jesty Thomas³, Asian Journal of Chemistry; Vol. 31, No.10 (2019),2269-2274. • Proximate Composition Analysis of Some Commonly Available Fishes Of Kerala, Ijbpas, November, 2023, 12(11): X-X, Issn: 2277-4998, Ijbpas, November, 2023, 12(11), Sunil J1*, Shiva Shankar V2**, Satyakeerthy Tr3, Binoj Kk1, Nissy Ah1 And Janey MM1. • Synthesis of biologically active peptides using newly designed N-vinyl
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	<p>pyrrolidine incorporated flexible crosslinked polystyrene, Oriental Journal of Chemistry, 18th October, 2022, ISSN: 0970-020 X, 2022, Vol. 38, No.(5):Pg. 1217-1226.</p> <ul style="list-style-type: none"> • Synthesis, Spectral, Antimicrobial and In vitro Antitumorous Studies of Copper based multidentate thiosemicarbazones.No.(2).ISSN: 0970-020 X,2023, Vol. 39, No.(2):Pg. 516-522
<p>Proceedings of international/ National symposiums</p>	<ul style="list-style-type: none"> • A comparative study of the short term in vitro cytotoxicity studies of copper(II) complexes of a novel N,N,S-donor schiffs base ligand, Hbptsc derived from N(4),N(4)-disubstituted thiosemicarbazone. Janey Mary Mathew, Dr.Varughese Philip, at the 17th Prof.K.V.Thomas Endowment Seminar & 2nd International Symposium on 14th and 15th January,2019 191 Papers Published in International Journals organised by the Department Of Chemistry, Sacred Heart College (Autonomous), Thevara, Kochi. • "Synthesis, Spectral and Antimicrobial studies of copper (II) complexes of 4-Methyl-N'-(1Z)Phenyl(Pyridin-2yl)methylene)piperazine-1 carbothiohydrazide". Janey Mary Mathew, Dr.Varughese Philip \. • Synthesis and Spectral characterization of the novel tridentate ligand, 2-benzoylpyridineN(4),N(4)-(N,N-diethyl-N-phenylamine-2,2'-diyl), Hbptsc2 and its copper (II) complexes. Janey Mary Mathew, Dr.Varughese Philip, at a Two – day National Seminar on New Frontiers in Theoretical Chemistry, NFTC Organised by the Department of Chemistry, Catholicate College, Pathanamthitta on 19th and 20th ,of Jan,2018. Janey Mary Mathew. • Synthesis, Spectral and Antimicrobial studies of 2-BenzoylpyridineN (4),N(4)-(N,N-diethyl-N-methylamine-2,2'-diyl) thiosemicarbazone and its copper(II) complexes. Janey Mary Mathew, Dr.Varughese Philip.
<p>Paper Presentations (international/ National)</p>	<ul style="list-style-type: none"> • Electronic and Infrared spectral studies of copper (II) complexes synthesized from N,N,S-donor heterocyclic ketone thiosemicarbazones in the Two day virtual International conference on Multidisciplinary concepts in Chemistry organized by the Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore on 20-21 January ,2022. • A comparative study of the short term in vitro cytotoxicity studies of copper(II) complexes of a novel N,N,S-donor schiffs base ligand, Hbptsc derived from N(4),N(4)-disubstituted thiosemicarbazone in the 17th Prof.K.V.Thomas Endowment Seminar & second international Symposium on New Trends in Applied Chemistry (NTAC 2019) on 14-15 January,2019. • Structural and Spectral Characterisation of Nickel (II) complexes of Novel Tridentate N,N,S-donor ligand derived from 2-benzoylpyridine thiosemicarbazone and N-Phenyl piperazine in the two day National Seminar organized by Department of Chemistry, University of Kerala ,Kariavattom, Thiuvananthapuram on 11-12 th October,2018. Synthesis and Spectral characterization of the novel tridentate ligand, 2-benzoylpyridine N(4),N(4)-(N,N-diethyl-N-phenylamine-2,2'-diyl), Hbptsc2 and its copper (II) complexes in te two-day National Seminar on "New Frontiers in Theoretical Chemistry" organized by the Post Graduate Department Of Chemistry, Catholicate



	<p>College, Pathanamthitta on 19-20 January, 2018.</p> <ul style="list-style-type: none"> • Synthesis, Spectral and Antimicrobial studies of copper (II) complexes of 4-Methyl N'-(1Z) Phenyl (Pyridin-2yl) methylene) piperazine-1-carbothiohydrazide in International conference on Advances in Degenerative Diseases and Molecular Interventions on 23-24th November, 2017.
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WORKSHOPS /SEMINARS/ CONFERENCES ORGANISED

Position	Details
<ul style="list-style-type: none"> • Co-ordinator • Convenor • Convenor • Convenor • Convenor • Convenor • Organising committee member. 	<ul style="list-style-type: none"> • Workshop on "Microscale experiments in Organic and Inorganic Chemistry for college and Higher Secondary School Teachers". Chemistry Lecture Series, Phase –III on "Wavelet Regularization of Quantum Field Theory. • Two Day international conference on "New Frontiers and Developments in Chemistry-NFDC-2023 on 06.01.2023 & 09.01.2023. • Workshop on Cosmetics & Sanitary Formulations on 27.07.2023 in collaboration with Science Centre, Kodungalloor, Thrissur. • Idea Storm Expo in association with students innovation centre under the auspices of college BIIC as part of the Kerala Start up mission on 23.08.2023. • Workshop on Sanitary formulations and nature derived cosmetics on 24.11.2024 at "Prakashadhara school for differently abled, Pathanamthitta". • Department Excellence day, ARETE-2024. • Two Day National conference on Energy Materials & Environment -EME-2024 funded by KSCSTE.

WORKSHOPS /FDP/ORIENTATION/.REFRESHERCOURSES ATTENDED

Name	Details
<ul style="list-style-type: none"> • SWAYAM ARPIT ONLINE COURSE CERTIFICATION • FIVE DAYS ONLINE FACULTY ENRICHMENT PROGRAMME ON COMPUTATIONAL CHEMISTRY • "Graphic Designing & Audio-Video Production" 	<ul style="list-style-type: none"> • ARPIT Course for Career Advancement Scheme(CAS) promotion conducted by Sri Guru Tegh Bahadur Khalsa College, University of Delhi and MHRD ,Govt of India ,Dec-2020. • organized by the Department of Chemistry & Centre for Research, Baselius College, Kottayam in association with Chemical Research Society of India (CRSI) from 16th – 22nd December 2020. • Three Day Online National Workshop entitled organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MoE from 15th December 2020 to 17th



<ul style="list-style-type: none"> ● “LMS MOODLE For 21st Century Teaching-Learning” ● ONE WEEK INTER-DISCIPLINARY FACULTY DEVELOPMENT PROGRAMME “YOUTH & CLIMATE CHANGE” ● One week Online Hands-on Training on Learning Management System (MOODLE) ● Online TWO - WEEK FACULTY DEVELOPMENT PROGRAMME ● Two weeks Multidisciplinary Refresher course on “Outcome based Education, MOOCS and Research Methodology ● NEP-2020 Orientation and Sensitization Programme 	<p>December 2020. (This is equivalent to a regular National Workshop).</p> <ul style="list-style-type: none"> ● Three Day Online National Workshop entitled organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MoE from 18th December 2020 to 22nd December 2020. (This is equivalent to a regular National Workshop). ● ONLINE from 27th October- 3rd November 2021 under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING. ● organized by the Faculty Development Centre of the Kerala State Higher Education Council in association with the Digital University of Kerala during 11th to 17th May 2022. ● (equivalent to Refresher Course) on “Chemistry - The Catalyst for Change” from 14 – 28 July, 2021 under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING. ● Kristu Jayanti College, Bengaluru in the Face to Face mode, 09th December 2024 to 20th December 2024. ● Online mode, 8 Days, 1st May, 2024 to 10th May 2024, UGC-MMTTC, Sri Guru Tegh Bahadur Khalsa College University of Delhi.
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Name and Signature of Teacher with date

