

Government College Madappally

Faculty Profile

Name of Faculty	Dr. Sheeja S. R.		
Department	Chemistry		
Designation	Assistant Professor-senior scale		
Email ID	sheejasr2021@gmail.com		
Teaching Experience(Yrs)	11 years		
Field of Research(if any)	Inorganic Chemistry		
Research Activities	<p style="text-align: center;">Five years of research experience in the field of coordination complexes of hydrazones during the PhD programme Research supervisor (Part-time PhD – Category B), Bharathiar University, Coimbatore Number of Ph.D. student: 1</p> <p style="text-align: center;">Research Guide, University of Calicut Number of Ph.D. student: 3</p>		
Major and Minor projects undertaken	Completed one UGC - Minor Research Project entitled 'Fluorescence and Crystal Structure Studies of Zinc(II) Complexes Of Hydrazones'		
List of publications	<ol style="list-style-type: none"> 1. Spectral studies and quantum chemical ab initio calculations for Copper(II) complexes of two heterocyclic arylhydrazones, S.R. Sheeja, Neema Ani Mangalam, M. Sithambaresan, M.R. Prathapachandra Kurup, Savas Kaya, Goncagül Serdaroglu, Journal of Molecular Structure, 1245 (2021) 131001-131010. 2. Synthesis, spectral characterization and crystal structure of copper(II) complexes of 2-benzoylpyridine-N(4)-phenylsemicarbazone, M.R. Prathapachandra Kurup, Binu Varghese, M. Sithambaresan, Suja Krishnan, S.R. Sheeja, Eringathodi Suresh, Polyhedron 30 (2011) 70-78. 3. Mn(II) complexes of some acylhydrazones with NNO donor sites: Syntheses, a spectroscopic view on their coordination possibilities and crystal structures, Neema Ani Mangalam, S.R. Sheeja, M.R. Prathapachandra Kurup, Polyhedron 29 (2010) 3318-3323. 4. Vibrational spectroscopic studies and computational study of quinoline-2-carbaldehyde benzoyl hydrazone, S.R. Sheeja, Neema Ani Mangalam, M.R. Prathapachandra Kurup, Y. Sheena Mary, K. Raju, Hema Tresa Varghese, C. Yohannan Panicker, J. Mol. Struct. 973 (2010) 36-46. 5. Chemistry of molecular and supramolecular structures of vanadium(IV) and dioxygen-bridged V(V) complexes incorporating tridentate hydrazone ligands, Neema Ani Mangalam, Sarika Sivakumar, S.R. Sheeja, M.R. Prathapachandra Kurup, Edward R.T. Tiekink, Inorg. Chim. Acta 362 (2009) 4191-4197. 		
Administrative responsibilities	Member-IQAC Member- Admission Committee Member-Discipline Committee Member- Botanical Garden Committee Chairperson – Board of Studies –Industrial Chemistry (Single Board) University of Calicut 2016-2020		
Students related activities			
Books published	NIL		
Awards/Honours	NIL		
Countries visited	NIL		
Address for correspondence (with pincode)	Pakkath Illam, Thamarassery P.O., Kozhikode-673573, Kerala		
Academic qualifications			
Name of Degree	Name of Board/University	Year of passing	Subject
Graduation	M.G. University	2001	Chemistry
Post graduation	M.G. University	2003	
M.Phil	NA		
Ph.D	Cochin University of Science and Technology	2011	
Others	CSIR-JRF , UGC-NET (Lectureship)		

SEMINAR CONDUCTED

1. National Seminar on 'Recent Advances in Chemical Sciences', 4-5 January 2018

Courses Attended

1. Orientation Programme conducted by the UGC-Academic Staff College, University of Calicut from 30-10- 2012 to 26-11-2012.
2. Refresher Course in Chemistry conducted by the UGC- Academic Staff College, University of Calicut from 04- 10-2013 to 24-10-2013.
3. Winter school in Basic Sciences conducted by the UGC-Human Resource Development Centre (HRDC), Kannur University from 08-11- 2018 to 28-11-2018
4. Faculty Development Programme in Science (Philosophy of Science) organized by the Kerala State Higher Education Council from 6-10 May 2019 at Rajagiri College of Social Sciences, Kalamassery, Kochi.
5. SWAYAM ARPIT ONLINE COURSE -Online Refresher Course In Chemistry For Higher Education, examination held on 16.02.2020
6. Short Term Course in Research Methodology (Science) from 28-02-2020 to 05-03-2020 at the UGC-Human Resource Development Kannur University Campus, Thavakkara, Kannur.
7. MOOC Course (e-verification) on 'Online Learning and Content Development' from 18th April 2020 to 2nd May 2020, organized by FLAIR Kerala, Directorate of Collegiate Education, Kerala
8. Completed Four week Online non-credit course 'Introduction to Molecular Spectroscopy' authorized by University of Manchester on 18th May 2020.
9. Six days short term Faculty Development Programme from 23rd to 28th May 2020, organized by PG Department of Chemistry, IQAC and Chemistry Alumni Association of Payyannur College in association with The Kerala State Higher Education Council
10. Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0" from May 18 - June 03, 2020

Papers presented

1. Presented a poster in the National Seminar on 'Current Trends in Chemistry CTric 2020' at the Department of Applied Chemistry, Cochin University of Science & Technology, Kochi-22, Kerala, India on 6th and 7th February 2020.
2. Presented a paper on 'NMR Spectral Studies of Hydrazones derived from Quinoline-2-carbaldehyde' in the National Seminar on 'Recent Advances in Chemical sciences' at the Department of Chemistry, Government College Madappally, Vadakara, on 4th and 5th January 2018.
3. Presented a paper on 'EPR Spectroscopy of Oxovanadium(IV) complexes of acylhydrazones' UGC sponsored National Seminar on 'Recent Advances in Chemistry' at the Department of Chemistry, Vimala College, Thrissur, on 9th January 2017
4. Presented a paper on 'EPR Spectroscopy of Copper(II) complexes' in the National Seminar on 'Frontiers in Chemistry' at the Department of Chemistry, Al Ameen College, Edathala, Aluva on 20th February 2014.
5. Presented a paper in the International Conference on Coordination and Organometallic Chemistry (ICCOG 2009) held at the Department of Chemistry, Bharathiar University, Coimbatore, India during 19th and 20th March 2009.

Seminars/Conferences/Workshops attended

Three day National Webinar on 'Frontiers of Spectroscopy' organized by Post Graduate & Research Department of Chemistry, Govt. College Madappally, Vadakara on 2nd, 5th & 10th