


NAME	JENNEES MATHEW (Sr. Jennis CSN)	
DESIGNATION		
QUALIFICATION	Ph.D.	
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TEACHING INTERESTS

INORGANIC CHEMISTRY
SPECTROSCOPIC STUDIES
ENVIRONMENTAL CHEMISTRY
INDUSSTRIAL CHEMISTRY

RESEARCH AREAS

METAL STUDIES, SPECTROSCOPIC ANALYSIS, HUMIC SUBSTANCES, BIOCHEMICAL PROCESS OF SEDIMENTS ,MANGROVE SEDIMENTS

ACADEMIC/PROFESSIONAL QUALIFICATIONS*

NAME OF THE PROGRAMME	INSTITUTION/UNIVERSITY	YEAR OF PASSING
PhD	Kerala University of Fisheries and Ocean Studies (KUFOS)	2022 A
MSc	Mahathmagandhi University, Kottayam	2015
UG	Avinashilingam Deemed University for Women, Coimbatore	2012
Plus Two	St. Josephs Higher Secondary School ,Vayattuparamba ,Kannur	2003

THESIS TITLES

NAME OF THE PROGRAMME	<u>THESIS TITLES</u>
Ph.D	<i>Spatio-temporal Variations in Refractory Organic Compounds, Metal Geochemistry and Ecological Risk Assessment of Sediment Cores from Kerala Mangroves.</i>
MSc	Morphology and Mechanical properties of Epoxy Resin

AWARDS/ACHIEVEMENTS/OTHERS*

SL.N O.	NAME OF AWARDS/ ACHIEVEMENTS/OTHERS	DESCRIPTION	MONTH/ YEAR
1	BEST POSTER AWARD	Mangroves as blue carbon resource a comparative case study of mangrove ecosystem of Kerala and West Bengal (national seminar on Indian Analytical Congress)	October ,2018
2	BEST POSTER AWARD	Lead and Iron binding Capacity of humic acids from Kerala Mangroves (International Confrence –MARICON 2019)	December ,2019

***BEST PAPER,BEST POSTER,ANY OTHER POST HELD ETC...**

JOURNAL PUBLICATIONS

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1.	Spectroscopic characterization of humic substances isolated from tropical mangrove sediments	Arabian Journal of Geoscience, 14:668	https://doi.org/10.1007/s12517-021-06968-w	2021

2.	Seasonal microplastic documentation in Kerala mangrove sediments	Ecology Environment and Conservation . 27 (1) : pp. (436-438)	ISSN 0971-765X	2021
3.	Synthesize and characterization of silver Nanoparticles using mangrove humic acids and their Role as catalyst in the degradation of organic dyes	Pollution Research. 40 (May Suppl. Issue) : S235-S243	ISSN 0257-8050	2021
4.	Sedimentary Organic Matter Composition of Arctic Kongsfjorden Sediments – A Study 2 Emphasizing the Biochemical Composition and Indices	IJMS		2021
5.	A Characteristic Study of Humic Acids isolated from Arctic fjord sediments	Advances in Polar Science 30(1):24-34	Doi:1013679/j.a dvps.2019.1.000 24	2019
6.	Characterization of Sedimentary Humic Acids From Tropical Mangrove Ecosystems Using UV-Visible Spectroscopy and Elemental Analysis –A Statistical Approach	Research Journal of Chemistry and environment		2022

CONFERENCE PUBLICATIONS

Sl.No.	Title	Name Of Conference	Venue, Month / Year
1	Green synthesis of silver Nano particle using isolated humic acids from mangrove sediment and their catalytic activity in the toxic Dyes (Paper presented)	NFMES -2020(National Seminar)	S.H, Thevara.January 2020
2	Characterization of sedimentary humic acids from mangrove ecosystem using UV-VIS Spectroscopy (Paper presented)	ICB -2019; International Conference on Benthose	CUSAT, Kochi March 2019
3	Lead and Iron binding capacity of humic acids from Kerala Mangroves (Poster)	MARICON 2019(International conference)	CUSAT, December 2019
4	Synthesis and characterization of silver nano particles and degradation of organic dyes (Paper presented)	AQUABE 2019(International conference)	KUFOS, November 2019
5	Humification rate in Kerala mangroves – Assessment of spatial and temporal variations using UV-VIS Spectroscopy (Paper presented)	Integrating biogeochemistry and ecosystem in changing Oceanic Environment (National)	KUFOS-INCOIS, January 2019
6	Spectroscopic Evaluation of tropical mangrove sediments (Paper presented)	Indian Analytical Science Congress	September ,2019
7	Spectrochemical evaluation of Humic acids from different	Morning Star Home Science Collage, Angamaly	February ,2019

	environment (with proceedings)(Paper presented)		
8	Spectroscopic evaluation of humic acid in different aquatic environment	Swadeshi Science Congress, Thiruvananthapuram	November ,2018
9	A study on the Cadmium and chromium binding capacity of Isolated Humic Acids from Kerala mangroves(Paper presented)	ICSIG -2018 (International Conference)	Maharaja's collage, Ernakulam,2018
10	Characteristic Study of humic substances isolated from Marine environment (Paper presented)	National Seminar ,University of Calicut	February 2018

ORIENTATION/REFRESHER COURSES ATTENDED

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER	MONTH/ YEAR
1.			
2.			

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED#

SL.NO	NAME OF THE PROGRAMME	VENUE & DATE	LEVEL *
1	NFMES -2020(National Seminar)	S.H, Thevara.January 2020	International
2	ICB -2019; International Conference on Benthose	CUSAT, Kochi March 2019	International

3	MARICON - 2019(International conference)	CUSAT, December 2019	International
4	AQUABE - 2019(International conference)	KUFOS, November 2019	International
5	Integrating biogeochemistry and ecosystem in changing Oceanic Environment (National)	KUFOS-INCOIS, January 2019	National
6	Indian Analytical Science Congress	September ,2019	National
7	Morning Star Home Science Collage, Angamaly	February ,2019	National
8	Swadeshi Science Congress, Thiruvananthapuram	November ,2018	National
9	ICSIG -2018 (International Conference)	Maharaja's collage, Ernakulam,2018	International
10	National Seminar, University of Calicut	February 2018	National
11	Webinar -Research and Publication Ethics in Science”	27 June 2020	National
12	Webinar -Rethinking Sustainability and Development in Times of COVID-19 (Department of Chemistry, Morning Star Home Science College, Angamaly with Sustainable Futures in Africa)	17 May 2020	International
13	Webinar - Molecular Docking Studies: A Paradigm Shift in	16 may 2020	National

	Anticancer (Department of Zoology, Morning Star Home Science College, Angamaly)		
14	Webinar-Biosensors (St.Paul's College,Kalamassery)	13 may 2020	International
15	Effective ways for reaching Millennium lerners (Department of Chemistry, Morning Star Home Science College, Angamaly)	10 May 2020	National

*INSTITUTIONAL, REGIONAL, STATE , NATIONAL, INTERNATIONAL

#(MENTION THOSE WHICH ARE RELEVANT & PREFERABLY WITHIN PAST 5 YEARS)

POSITIONS HELD IN COLLEGE

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UG PROJECTS GUIDED

SL.NO	TITLE	MONTH/ YEAR
1.	Microwave synthesis in Green Chemistry	2016
2.	Analyze the various chemical contents of fruits and vegetables	2016
3.	Spectrochemical Evaluations of Humic Acids in Different Soils	2022

REFERENCES

1. Dr. Anu Gopinath
Assistant Professor,
Kerala University of Fisheries and Ocean Studies
Panangadu
Mobile No:9446838319

2.Dr.Sr.Rosily AV
Associate Professor
Morning Star Home Science Collage
Angamaly