

CURRICULUM VITAE

A. General Information

(a) Name : : **Dr. REEMA KURIAKOSE**

(b) Address (Official) : Associate Professor & HOD
Dept. Of Zoology ,
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(c) Designation : : Associate Professor & HOD

(d) Department : : Dept. Of Zoology , St.Teresa's College , Ernakulam

(e) Date of Entry into Service: 1-08-1994

(f) Area of Specialization : Microbiology

B) Academic Qualification :

Exam Passed	Board/University	Subjects	Year	Division/Grade Merit etc.
High School	Board of Public Examinations ,Kerala	Biology,Social studies,Mathematics English,Hindi,Malayalam	1982	71%, I class
Higher Secondary or Pre-degree	Calicut	English,Malayalam, Biology,Physics,Chemistry	1984	76.6%, I class
Bachelor.s Degree(S)	1987 Calicut	Zoology(Main) Botany,Chemistry English,Malayalam	1987	77.5%, I class
Master.s Degree (S)	Mahatma Gandhi	Zoology(Main)	1989	69.5%, 3 rd Rank
Research Degree (S) Mphil	Madras	Zoology(Main)	1991	63%, I class

Research Degree (S) Ph.D	Cochin University	Microbiology	2013	I class
B.Ed.	Mahatma Gandhi	Natural Science	1990	I class

C) Research Experience & Training

Research stage	Title of work/Thesis	University where the work was carried out
M.Phil or equivalent	Interaction Of Pesticide and Fertilizer on the Ecophysiology of fresh water fish <i>Oreochromis mossambicus</i>	Madras,1991
Ph.D awarded	Marine yeast isolates from Arabian Sea and Bay of Bengal:Biochemical, Molecular and Phylogenetic analysis	CUSAT, 2013

1a. Projects Undertaken

1. Title: Preliminary studies on bacteria associated with phytoplankton species in the coastal Arabian Sea

Status : Completed
Funding Agency : KSCSTE
Scheme : student Projects
Amount Received : Rs. 7000/-

2. Title: Green synthesis , Characterisation and antibacterial study of nanoparticles from *Biophytum sensitivum* and *E. miliasonchifolia*.

Status : Completed
Funding Agency : KSCSTE
Scheme : student Projects
Amount Received : Rs. 9000/-

1.b.Paper Presentations / Publications

Title: Teacher Guide to the paper “Green synthesis and antimicrobial study of Silver nanoparticles from the plant *Biophytum sensitivum* (Mukkutti) “presented and published by Miria Ephraim maampilly and Reema Kuriakose in the proceedings of International Conference on Recent Trends in Zoology, Biodiversity, Genetics & Environmental Sciences 2018

Title: Teacher Guide to the paper “Estimation of vitamin c content and antibacterial effect of various citrus fruits on various strains of Gastrointestinal Bacteria” published by Krithika Ramakrishnan and Reema Kuriakose in the the journal millennium Zoology VOL.17(1),2016:45-48

Title: Teacher Guide to the paper “Antibacterial effect of few natural products on three strains of Oral bacteria strains ” published by Parvathy R and Reema Kuriakose in the the journal millennium Zoology VOL.17(1), 2016:39-41

Title: Co Guide to the paper “Green synthesis and study of Silver nanoparticles with special reference to antimicrobial activitees and conductivity study of PANI-Ag nanocomposites.” presented by Synopaul, Athira S. Kumar, Mitchell M Beveira, Aiswarya CB.’ Ann mary VB, Lakshmi Priya, Reema Kuriakose, Kala MS, Ushamani M. Published in the proceedings of national seminar on Advancementsin polymerscience and Technology conducted in the year January 2017

Title: Teacher Guide to the paper “Effect of antidandruff shampoos on dandruff”in ReAP conducted by Dept. of Home science, St.Terasas College, Ernakulam, 17 Nov 2016.

2. Seminars/ Conferences organized/ Attended from 2012-19

Si. No.	Name of the Seminars , Conferences, Symposia, Workshops, etc.	Name of the Sponsoring Agency	Place and Date
1	International conference on Nutritional Medicine. Health and Wellness	UGC	St.Teresa’s College , Ernakulam 7-6-2012 to 8-6-2012
2	Hands on workshop on DNA Bar coding and Finger printing	KKTM Govt. college	KKTM Govt. college , Pullut, 7-2-2013to 8-2-2013
3	National Seminar on Microbiology and microbial technology	Govt.of Kerala UGC	Dept. of Botany, St.Teresa’s College , Ernakulam , October7-8, 2013
4	National Seminar on Invertebrate Taxonomy-Current Trends and Future Prospects	Nirmala College, Muvattupuzha, TIES	Dept of ZoologyNirmala College, Muvattupuzha, TIES 12 and 13 Nov
5	National Seminar on Immune disorders and Recent Trends in Diagnostics	St. Xaviers’s College, Aluva	Dept. of Microbiology St. Xaviers’s College, Aluva Jan 9 th and 10 th 2014
6	National Workshop on “Functioning as an Autonomous College”	St. Teresa’s College,	Internal Quality Assurance Cell, St. Teresa’s College, Ernakulam on February 11, 2014
7	International Seminar on Molecular Techniques in Genetic Engineering	Dept. of Botany, St.Teresa’s College, Ernakulam,	Dept.of Botany, St.Teresa’s College, Ernakulam, on July 14 th ,2014.
8	National Seminar on Sustainable	UGC	Dept of Home Science

	Resource Management-Tools and Techniques,		St.Teresa's College, Ernakulam, 7 th and 8 th Oct, 2014.
9	National Seminar on Trends in Biodiversity studies	UGC(Organising Secretary	Dept.of Zoology, St.Teresa's College, Ernakulam, December4-5, 2014
10	National Workshop on "Curriculum and Syllabus Restructuring"	St. Teresa's College	Internal Quality Assurance Cell, St. Teresa's College (Autonomous), Ernakulam on 9th-10th December, 2014.
11	Seminar on Healing the Ozone layer-Protecting Life on Earth	KSCSTE	Dept. of Homescience St.Teresa's College, Ernakulam., on October 7th & 8th 2014
12	National Seminar on Life style Diseases-A multidisciplinary approach	UGC	Dept. of Sociology, St.Teresa's College, Ernakulam , January,14-15, 2015.
13	National Conference on Modern Trends in Research.	UGC	Teresian Research and Consultancy cell. St.Teresa's College, Ernakulam., October14, 2015
14	National Seminar on Sustainable Resource Management-Tools & Techniques	UGC	Dept. of Homescience St.Teresa's College, Ernakulam on 16 th September, 2015.
15	Hands on Training on Tools and Techniques in Microbiology and Biotechnology	UGC	Merit biolabs, vytila, Ernakulam, November 11-2015
16	National Seminar on Human Rights & Gender Issues	UGC	Dept. of Sociology, St.Teresa's College, Ernakulam on Feb 11 th & 12 th 2015
17	Seminar on Marine Biodiversity and Bioprospecting for Sustainable Livelihood.	UGC	Department of Marine Biology, Microbiology and Biochemistry, School of Marine Sciences, Cochin University of Science and Technology , from March 21 st to 22 nd , 2016.
18	Workshop on Accreditation and	UGC	Internal Quality Assurance

	Academic audit.		Cell and the Audit Cell, St. Teresa's College (Autonomous), Ernakulam on 11 th June 2016.
19	Seminar on Biodiversity Conservation and issues	UGC	Dept.of Zoology, St.Teresa's College , Ernakulam , June29, 2016
20	“Workshop on 4th Cycle Accreditation in Autonomous Colleges” organized by the	UGC	Internal Quality Assurance Cell and the Audit Cell, St. Teresa's College (Autonomous), Ernakulam on 22nd June 2016.
21	AIACHE Golden Jubilee Grand Finale Celebration	AIACHE	The American College, Madurai, Tamil Nadu October 7 th to 11 th 2016
22	Workshop on Educational leadership and Teacher Wellness.	UGC	Community College and the Internal Quality Assurance Cell, St. Teresa's College (Autonomous), Ernakulam on 27th February 2017.
23	One day Seminar on ‘Ente Haritha Bhavanam’ –Connecting People and Nature,	KSCSTE	Department of Zoology, St. Teresa's College (Autonomous), Ernakulam on 16 th June 2017
24	International Seminar on “Recent Trends in Molecular Diagnostics” (RTMD-2017)	St. Albert's College	Post Graduate Department of Fisheries and Aquaculture, St. Albert's College (Autonomous), Ernakulam on 10th August 2017.
25	Talk on Darwinism in Society	ZSK	ZSK Ashirbhavan, Kacheripady, 21 Sept, 2017.
26	National Conference on Modern Trends in Research-2017,	UGC	Teresian Research and Consultancy Cell (TRACC), St. Teresa's College (Autonomous), Ernakulam on 19 th October 2017
27	Nature Study Camp, Mathikettan Shola	Kerala Forest and Wildlife Department	Shola National Parks Vattavada, from 17 Nov 2017 to 19 Nov 2017.
28	National Workshop on Capacity Building in Academic writing & Publishing	UGC	Golden Jubilee Memorial Library, St. Teresa's College (Autonomous), Ernakulam on March 15th 2017.
29	National Seminar on Marine Ecosystem Health (MEH 2017)	UGC	Department of Marine Biology, Microbiology and

			Biochemistry, School of Marine Sciences, Cochin University of Science and Technology, from 16th to 17th March 2017
30	Hands on training on “SDS Page, Cell Line and Viral Cultivation”	UGC-CPE	Department of Zoology, St. Teresa’s College (Autonomous), Ernakulam and Department of Marine Biology, Microbiology and Biochemistry, School of Marine Sciences, Cochin University of Science and Technology, on 7th March 2017
31	Workshop on Restructuring of Curriculum and the syllabus of the Undergraduate programme in zoology.	M G University	Senate Hall, M G University, 18 th April, 2017.
32	National Seminar on ‘Wetlands for a sustainable Urban Future’	KSCSTE	Research Department of Fisheries and Aquaculture, St. Albert’s College (Autonomous), Ernakulam on 1st February 2018
33	Workshop on ‘Human Rights’	ZSK	Zoological Society of Kerala on 3rd April 2018.
34	Academic Orientation Programme	St. Teresa’s College,	Internal Quality Assurance Cell, St. Teresa’s College (Autonomous), Ernakulam on May 31 st & June 1 st 2018
35	International Seminar on Emerging Trends in Biophysical Research and Current Challenges in Arctic Sea Ice Monitoring	St. Teresa’s College,	Department of Zoology, St. Teresa’s College, Ernakulam on 13 th July 2018
36	World Ozone day Celebrations 2018- ‘Keep Cool and Carry on’	St. Teresa’s College,	Bhoomithra Sena Club and Department of Chemistry, St. Teresa’s College (Autonomous), Ernakulam on 17 th September 2018
37	Faculty enrichment programme on Teresian Eco-friendly Recycling & Reusing Activities	St. Teresa’s College,	PG Dept of Chemistry & Bhoomithrasena club on November 7 th 2018
38	Total Quality Management Enrichment Programme for Administrators, Senior Faculty, Office Staff & Student Leaders	St. Teresa’s College,	PG Dept of Chemistry & IQAC on November 8 th 2018

39	International Conference on Recent Trends in Zoology, Biodiversity, Genetics & Environmental Sciences 2018	International Multidisciplinary Research Foundation	Dept of Zoology JB Campus , Bangalore University Karnataka on December 4 th & 5 th 2018
40	Nature camp at Eravikulam National park	Kerala Forest & Wildlife Dept	Eravikulam National park Munnar on February 22 nd to 24 th 2019
41	Faculty development programme on E-content development	St. Teresa's College & MG University	IQAC of St. Teresa's College (Autonomous) Ernakulam & MG University on April 1 st to 7 th 2019
42	Live-in-camp & talk on Vembanad ecosystem	ZSK	ZSK Alleppey, on May 20 th & 21 st 2019
43	Workshop on Course Outcome Writing For Implementation of OBE	KSHE	Internal Quality Assurance Cell, St. Teresa's College (Autonomous) Ernakulam on 24 th & 25 th June 2019

E) Teaching Experience

Courses taught	Name of the University /College/ Institution	Duration
U.G.- B.Sc. ZOOLOGY	M G University St. Teresa's College Ernakulam	24years ,
Pre-Degree	M G University St. Teresa's College Ernakulam	5years , 7months

F) Innovations / Contributions in Teaching

- Design of Curriculum : Chairman Of Board of studies of UG.
- Nominated member of Academic Council of St. Teresa's college (autonomous)
- Remedial Teaching / Student Counselling (academic): Coordinator of remedial classes 2012-13, 2013-14, 2015-16.
- Staff advisor to zoology association in 2013-14
- Member of ISA committee. 2014-15, 2015-16.
- Staff advisor to students redressal cell – 2018-19-, 2017-18.
- Academic Dean Science Block – 2018-19
- Dept coordinator of TROP activities from 2016- 2019

- i) Student Dean 2019-20.
- j) HOD of the Zoology Dept. 2016-2019

G) Professional Organization of Teacher/Membership of Professional Bodies, Societies etc

Member of Zoological society of Kerala

I do hereby declare that the above details are true and correct to the best of my knowledge

5th JULY 2019

Dr.. Reema Kuriakose