

**List of National /international seminars/ workshop attended and presented**

**Name of the Faculty :Mrs. Vijila Helen Mary**

<b>SL.No</b>	<b>Name of the conference/Seminar attended</b>
1	Reasserting microbial biotechnological to deflate Global disease Burden
2	International Earth day
3	Quality Research and Publication
4	International Conference on Moringa
5	Workshop on Excel and SPSS
6	Recent trends in food biotechnology and exception of the opportunities to feed the world

**Name of the Faculty: Mrs. V. Andrewsli Jani**

<b>SL.No</b>	<b>Name of the conference/Seminar attended</b>
1	Quality Research and Publication
2	Bio revolution- A promising strategy
3	International Earth day
4	Bio innovations for Global prosperties
5	Multidisciplinary Research – An Indian Scenario
6	International Collaborative Scientific meet
7	Recent trend in Microbial Technology and Engineering
8	Recent trend in Bioscience
9	Advanced techniques in Biotechnology
10	Biological congress on Biotechnology- a boon to Humanity
11	Siddha medicine for All ages
12	Biological congress on Biome and Bioscience

**Name of the Faculty: Mrs. Reena**

<b>SL.No</b>	<b>Name of the conference/Seminar attended</b>
1	MCCXIBAS 2018
2	International Earth day
3	Seminar On Quality Research and Publication
4	International Collaborative Scientific meet
5	Recent trends in food biotechnology and exception of the opportunities to feed the world
6	Recent development in Bioinformatics and Biotechnology
7	Science Expo
8	Workshop on Aquaculture
9	Transactional Medicine and Imaging
10	BIOCICON 2013
11	Recent development in Bioscience ICRDBS 2021
12	International Webinar on Emerging microbial infection
13	Faculty development programme , Organized by KIIT
14	Oral presentation International symposium
15	Faculty development programme , Organized by Vishnu Institute of technology Gujarat

**Name of the Faculty : Mrs. Divya T. Raj**

<b>SL.No</b>	<b>Name of the conference/Seminar attended</b>
1	International Conference on Reasserting microbial biotechnological to deflate Global disease Burden
2	Transactional Medicine and Imaging
3	Recent trends in Microbial Technology and Engineering
4	Exploring Bioscience
5	Recent Perspective in Nanotechnology
6	National Conference on advance trends in biotechnology
7	Kinetics of Genome diversity
8	Bio innovations for global prosperity

**Name of the Faculty: Dr. S. Antony**

<b>SL.No</b>	<b>Name of the conference/Seminar attended</b>
1	Patent Awareness Programme
2	The advances in Biology. Bio-fiesta 2009
3	Bioinformatics and Computational Biology
4	Workshop on Electrophoresis and Chromatographic Techniques
5	MC-NUS Biointeract' - 2008
6	Expo 2008 on Microbial technology
7	Recent Advance in Biotechnology
8	Recent trends in Biotechnology
9	Sustainable Livelihood
10	Greening the Blue
11	Food Processing Technologies Challenges and Solutions for Sustainable food Security
12	Twelfth Tamil Science Congress on Natural Resources Protection and Green Technology
13	Expo 2008 on Microbial technology
14	Biotechnology and biodiversity
15	Impact of Climate change on Environmental and Biodiversity
16	Microbial Techniques for Sustainable environment
17	Environmental Risk Assessment
18	Earth day

**Name of the Faculty: Dr. J. Josephine**

<b>SL.No</b>	<b>Name of the conference/Seminar attended</b>
1	National workshop on Library A Major Tool for Research and Continuous Education organized by Library and HRD of Malankara Catholic College on 23rd February 2019.
2	3rd National Conference on Biotechnology for sustainable development on 13th and 14th February 2020 organized by the Department of Biotechnology Annai Velankani College, Thalayavattam.
3	Digital Workshop on Biostatistics, July 5th - 9th 2021 Organized by the Department of Biotechnology, CEPCI Laboratory & Research Institute Kollam.
4	Advance Hands-on Training in Molecular Biology, 5th -7th April 2022 organized by the Department of Biotechnology In association with Xcellogen Biotech Pvt Ltd, Trivandrum.

**ii. Research Publication in peer reviewed National and International Journals by individual staff**

**Name of the Faculty :** Ms. G. Vijila Helen Mary

SL. No	Title	Name of the Journal	National /International	Page No	ISSN/ ISBN
1.	Optimization of a biotic factors for biogas production from vegetable agronomic wastes	International Journal for Research in Biology and Pharmacy Research	International	1-20	2320-916X

**Name of the Faculty :** Ms. V. Andrewsli Jani

SL.NO	Title	Name of the Journal	National /International	Page No	ISSN/ ISBN
1.	Investigate three bioactive spectrum of three various plant extracts against wound causing diabetic pathogens	“European Journal of Biomedical and Pharmaceutical sciences	International	176-189	2349-8870
2.	Physiochemical characterization of phytolectin isolated from legume plants and antibiogram study against soil borne pathogens	International Journal of Pharmacy and Pharmaceutical research	International	155-167	2349-7203

**Name of the Faculty :** Ms. T. Reena

SL. NO	Title	Name of the Journal	National/International	Page No	ISSN/ ISBN
1.	Isolation of phosphate solubilizing bacteria and fungi from Rhizospheres soil from Banana Plants and its effect on the growth of <i>Amaranthu scruentus</i> L	Journal of Pharmacy and Biological science	International	06-11	
2.	Comparative effect of natural commodities and commercial medicines against Oral thrush causing fungal Organism of <i>Candida albicans</i>	Science Journal of Clinical Medicine	International	75-80	

3.	Abiotic Competence and polyherbal Bioefficiency against <i>Aspergillus fumigatus</i>	International journal of Applied	International	156-163	
4.	Invitro Study on the effect of heavy metals on PGPR microbes from two different soils and their growth efficiency on oryzasativa	Journal of Biopesticide	International	64-72	
5.	Optimization of abiotic factors for Biogas probuction from vegetable Agronomic wastes	Intennational Journal of Research in Biology and pharmacy Research	International	1-20	
6.	Biocontrol Efficiency of <i>Pseudomonas</i> species against the Algal Blooms in Eutrophicated pondwater	International Journal of Advanced Research in Biological studies	International	197-206	
7.	Invitrostudy of Aspergillosis and the effect of selected traditional plants against pathogenic fungal organism of <i>Aspergillus fumigatus</i>	International Journal of Life science and Pharma Research	International		2250-0408
8.	Agumentative Invesion of biogas from the Agronomic wastes using Facultative Anaerobic Bacterial Strain	International Journal of current Microbiology and Applied Science	International		
9.	Eutrophication–A Life Threat to Environment.	International journal of Environmental Microbiology	National		2277-386X Vol
10.	Antimicrobial properties of Chitosan-A Review	International journal of Development Research	International		2230-9926

**Name of the Faculty : Ms. Divya T Raj**

SL.No	Title	Name of the Journal	National/International	Page No	ISSN/ ISBN
1.	Production and optimization of polyhydroxy butyrate from Rhizobium S., present in root nodules	Journal of Pharmacy and biological sciences	National	21-25.	2278-3008

**Name of the Faculty : Dr. S. Antony**

SL.NO	Title	Name of the Journal	National/International	Page No	ISSN/ISBN
1.	Evaluation of bioactive compounds and antibacterial effects of <i>Xanthium indicum</i> .	Journal of Herbal Sciences	National	25-29.	2348-9553
2.	Bio composting of Municipal Solid Wastes employing earthworms <i>Eisenia fetida</i> and <i>Eudrilus eugeniae</i> .	International Research Journal of Environment Sciences	National	6-13.	2319-1414
3.	Microbial composting of Municipal Solid Waste employing different bacterial strains isolated from the gut of earthworms <i>Eudrilus eugeniae</i> and <i>Eisenia fetida</i>	International Journal of Research in Environmental Science and Technology	National	65-70.	2249-9695
4.	Comparative efficiency of different fungal species in composting Municipal Solid Waste collected from Alwarkurichi Town Panchayat, Tamil Nadu	Academia Journal of Environmental	National	116-123.	2315-778X
5.	Microbiological and sensorial properties of dried pieces of electron beam irradiated amla <i>Emblica officinalis</i> var. Banarasi.	International Journal of Agriculture and Food Science.	National	135-139.	2249-8516
6.	Isolation and characterization of protease producing organism <i>Bacillus</i> species from Slaughter house waste	Journal of Microbiology and Virology	National	1-7.	2230-9853
7.	Antibacterial activity of cow urine against selected pathogenic bacteria	International Journal of Dairy Science Research	National	1-5	
8.	Isolation and identification of effective dye degrading bacteria from textile effluent	Journal of emerging Technologies and Innovative Research	National	524-536	2349-5162
9.	Phytochemical screening and comparative study of antimicrobial activity of leaves and rhizomes of turmeric varieties	International Journal of Research in Plant Science	National	7-11	2249-9717

**Name of the Faculty: Dr. J. Josephine**

SL.No	Title	Name of the Journal	National/International	Page No	ISSN/ ISBN
1.	Screening and Identification of Antifoulants present in Streptococcus spp. from Marine sources	Conference on Current Scenario of Biotechnology Towards Healthcare and Environment,	National		
2.	Isolation, Identification and screening of Antifoulants present in Bacillus spp. from seawater”	Proceedings of Kanniyakumari Academy of Arts and Sciences (A peer-reviewed Research papers of Thirteenth All India Conference-2019)	National		
3.	Antimicrobial Activity and Anticancer Activity of Catheranthus roseus.	ENFOSE -2016.	National		
4	A Comparative Study of Vermicomposting Using Agrowaste’	Asian Journal of Microbiology, Biotechnology, and Environmental Science,	National	105-109,	0972-3005.
5	Antifouling Potential of Pseudomonas aeruginosa Isolated from Marine Water,	Asian Journal of Microbiology, Biotechnology, and Environmental Science,	National	712-718,	
6	Evaluation of Antifouling Potential of Staphylococcus sp. Isolated from Marine Sea Water,		National	6650-6661,	1583-6258.
7	Isolation and Identification of Antifoulants producing Kytococcus sedentarius by 16S rRNA sequence and its role in biofouling activity,	International Journal of Recent Scientific Research	National	25715-25720.	
8	Studies of Pharmacological activities and Phytochemical analysis of Catharanthus roseus,	World Journal of Pharmaceutical Research,	National	986-994	2277-7105
9	Antimicrobial Activity, Biomolecule Estimation, Phytochemical and Molecular Analysis of Marine Algae Ulva fasciata.		National		

## DEPARTMENT OF MICROBIOLOGY

<b>DEPARTMENT ACTIVITIES</b>		
<b>SEMINARS/WORKSHOPS ORGANIZED</b>		
<b>Date</b>	<b>Topic</b>	<b>Resource Person</b>
12.04.2022	One day seminar on microbes and human health	Dr.S. R.Jobin Assistant Professor, Dr.Sobervell memorial CSI Medical college Karakonam.
27.08.2022	<b>Antibiotic resistance bacteria</b>	Mr. Jayakrishnan and Mr. Anand S. Nair
<b>INVITED LECTURES</b>		
<b>Date</b>	<b>Topic</b>	<b>Resource Person</b>
30.03.2022	Research Awareness programme	Mr. Austin Managing Director, Athmic Biotech solution
16.05.2022	Food safety certification and documentation in food industry	Mr. A.K. Santhosh Kumar Senior Manager, Quality assurance, NPD, NF
<b>COMPETITIONS</b>		
<b>Date</b>	<b>Activity/ Theme</b>	<b>Participants/ Prize Winners</b>
12.04.2022	Art from waste	I B.Sc.



08.08.2022	Quiz	All UG and PG students
16.08.2022	Poster	III B.Sc.
30.08.2022	Paper	II M.Sc.
<b>INDUSTRIAL VISITS &amp; STUDY TOUR</b>		
<b>Date</b>	<b>Places of visit</b>	<b>Participants</b>
02.11.2022	Biofertilizer Unit- Thenthambaraikulam	III B.Sc.
18,19, 20.09.2023	Reputed Industries and institution in Chennai	II M.Sc.