

Name	Ms. A. Maria Heartina Adlin Vaz
Qualification	M.Sc., SET
Designation	Assistant Professor
Year of Joining	18/6/2012
Specialization	Molecular Biology and Microbial Genetics, Genetic Engineering
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Seminars/Workshops/FDP/Conferences/Webinars

Date	Paper Presented/ Participated	Title of the Paper	Organized By	Workshop/ Seminar/ FDP	Type
20 th September 2024	Participated	-	Department of Microbiology, Kamarajar Government Arts College, Surandai	Conference	International
18 th September 2024	Participated	-	Department of Zoology, St. Mary's College (Autonomous), Thoothukudi	Seminar	National
20 th August 2024	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	Workshop	State
13 th March 2024	Participated	-	The Library Committee, St. Mary's College (Autonomous), Thoothukudi	Webinar	-
11 th December 2023	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	Online Workshop	-
20 th September 2023	Participated	-	Marian Research Forum and Library Committee, St. Mary's College (Autonomous), Thoothukudi	Workshop	-

11 th August 2023	Participated	-	The Library Committee and Institution Innovation Council (IIC), St. Mary's College (Autonomous), Thoothukudi	Seminar	National
19 th April 2023	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	Conference	-
12 th April 2023	Participated and Presented	Sulphate Reducing Bacteria in metal corrosion	PG and Research Department of Zoology, Periyar Arts College, Cuddalore	Conference	International
17 th and 18 th March 2023	Participated and Presented	Isolation of <i>Proteus mirabilis</i> from corroded metal sample collected from old port in Thoothukudi	PG and Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi	Conference	National
7 th February 2023	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	Webinar	International
12 th November 2022	Participated	-	PG Department of Computer Science (SSC) and PG Department of Chemistry (SSC), St. Mary's College (Autonomous), Thoothukudi	Online Workshop	-
29 th July 2022	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi – in association with National IP Awareness Mission	Awareness Program on Intellectual Property Rights	-
30 th May 2022	Participated	-	Marian Research forum St. Mary's College (Autonomous), Thoothukudi	Conference	National

30 th March 2022	Participated and Presented	“Corrosion inhibition in a Biofilm Community by Increasing Nitrate source”	PG and Research Department of Botany, V.O.Chidambaram College, Thoothukudi	Conference	National
26th August 2021	Participated	-	Department of Fish quality control and management, Fisheries College and Research Institute, Thoothukudi.	Training	-
06 th May 2021 – 11 th May 2021	Participated	-	Department of Zoology, St. Mary's College (Autonomous) Thoothukudi	Faculty Training programme	-
16 th March 2021	Participated	-	IIC, Library and IQAC - St. Mary's College (Autonomous) Thoothukudi	Workshop	-
12 th February 2021	Participated	-	Department of Library, St. Mary's College (Autonomous), Thoothukudi.	Webinar	National
11 th August 2020	Participated	-	Department of Zoology, St. Mary's College (Autonomous), Thoothukudi.	Webinar	International
12 th August 2020	Participated	-	Department of Microbiology, K.R. College of Arts and Science, Kovilpatti.	Webinar	National
9 th August 2020	Participated	-	IQAC, Government Arts and Science College(Women), Sathankulam.	Online Workshop	-
11 th July 2020	Participated	-	K.R. College of arts and science, Kovilpatti.	Webinar	National
10 th July 2020	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	Webinar	International

3 rd July 2020	Participated	-	Department of Zoology, Micheal JobCollege of arts and science for women, Sulur, Coimbatore	Webinar	-
29 th June 2020	Participated	-	Department of Microbiology, K.R. College of arts and science, Kovilpatti	Web conference	-
3 rd June 2020	Participated	-	Servite arts and science college for women, T. Idaiyapatti, Thogamalai	Webinar	International
31 st May 2020	Participated	-	Department of Physics (SSC), St. Mary's College (Autonomous), Thoothukudi	Webinar	National
13 th and 14 th May 2020	Participated	-	St. Mary's College (Autonomous), Thoothukudi in association with Aadhi Foundation, Coimbatore	Workshop	-
20 th April – 6 th May 2020	Participated	-	Teaching Learning centre, Ramanujan College (University of Delhi), sponsored by MHRD	FDP	National
18 th to 22 nd February 2020	Participated	-	IQAC, St. Mary's college, Thoothukudi	Workshop	-
3 rd February 2020	Participated	-	Department of Library and Research forum of St. Mary's college, Thoothukudi	Seminar	National
14 th September 2019	Participated	-	Research Advisory Committee, St. Mary's college, Thoothukudi	Workshop	National

26 ^m 26 th November 2019	Participated	-	IQAC, St. Mary's college	FDP	-
20 th July 2018	Participated	-	Research forum and Department of Library, St. Mary's college, Thoothukudi	Seminar	National
15 th & 16 th February 2018	Participated	-	Perunthalaivar kamarajar Library, Manonmaniam Sundaranar University, Tirunelveli	UGC, JRF, NET, SET exams preparatory programme	-
09 th December 2017	Participated	-	Research forum and Department of Library, St. Mary's college, Thoothukudi	Seminar	National
12 th September 2017	Participated	-	Department of Botany, St. Mary's college, Thoothukudi	Seminar	International
06 th April 2017	Participated	-	National Corrosion Council of India (NCCI), Karaikudi.	Corrosion Awareness Day (CAD 2017)	-
02 nd February 2017	Participated	-	All India Association for Christian Higher Education (AIACHE), New Delhi	Workshop	-
27 th & 28 th January 2017	Presented	A Review on Biotechnolog y and its Bio- ethical Implications	IQAC, St. Mary's College, Thoothukudi	Conference	National
20 th February 2016	Participated	-	Marian Research Forum (MRF), St. Mary's College, Thoothukudi	Seminar	National
14 th October 2016	Participated	-	Department of Botany, St. Mary's College, Thoohtukudi	Seminar	International

07 & 08 January 2016	Participated	-	IQAC, St. Mary's College, Thoothukudi	Seminar	National
17 th & 18 th August 2016	Participated	-	PG Department of Microbiology, Kama raj College, Thoohtukudi	Workshop	National
06 th February 2015	Participated	-	Department of Food science and Nutrition, Holy Cross Home Science College, Thoothukudi	Seminar	International
13 th March 2015	Participated	-	Department of Botany, St. Mary's College, Thoohtukudi	Seminar	National
31 st January & 01 st February 2014	Participated	-	IQAC, St. Mary's College, Thoothukudi	Seminar	National
05 th & 06 th December 2014	Participated	-	Department of English (SSC), St. Mary's College, Thoothukudi	Seminar	-
31 st January 2011	Presented	Microbiologi cally Influenced corrosion Inhibition (MICI) of metals such as Copper and Mild Steel using Biofilm forming organisms – <i>Bacillus</i> sp and <i>Pseudomonas</i> sp	Department of Plant Biology and Plant Biotechnology Sadakathullah Appa College, Tirunelveli	Seminar	National

Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Isolation of <i>Proteus mirabilis</i> from corroded metal sample collected from old port in Thoothukudi	A. Maria Heartina Adlin Vaz and Dr. P.J. Joslin	National Conference on Recent trends in Life Science	2023	-	-	-
Preparation of antibacterial soap using <i>Acalypha indica</i> and <i>Hibiscus rosasinensis</i>	A. Maria Heartina Adlin Vaz	4 th International Conference on multidisciplinary approach on conservation of nature for your future and Siddha day celebration	2021	-	-	-
Sodium Nitrite as corrosion inhibitor for Stainless steel and Aluminium	D. Jeya Ruby, V. Chandramathi, A. Maria Heartina Adlin Vaz and P. Durga	International Conference on Entrepreneurship of Microbiology	2019	-	-	95 - 103
Sodium Nitrate as corrosion inhibitor for the metals Mild steel and Copper	P. Durga, V. Chandramathi, A. Maria Heartina Adlin Vaz and D. Jeya Ruby	International Conference on Entrepreneurship of Microbiology	2019	-	-	112 – 118
Probiotication of fruit juices using <i>Lactococcus</i> sp – It's activity against selected urinary tract infection causing microbes	S. Golda, A. Maria Heartina Adlin Vaz, A. Josephin and B. Punitha Lakshmi	National Seminar on Biopolymers (NSBP-2018) Proceeding	2018	-	-	266-271

A study on pigment separation from the microalgae <i>Arthrospira maxima</i> using chromatographic techniques	Maria Crosslin Mel. R and Maria Heartina Adlin Vaz. A	National Seminar on Biopolymers (NSBP-2018) Proceeding	2018	-	-	214-219
A study on <i>Azotobacter</i> sp: A plant growth promoting rhizobacteria (PGPR) as biofertilizer in vermicast carrier material	Mahesh Manjula. K, Maria Heartina Adlin Vaz. A	International Seminar on Awareness on Epidemic diseases ISAED- 2018 proceeding with ISBN No: 978-81-935198-7-5	2018	-	-	391-400
<i>Azotobacter chroococcum</i> – A plant Growth Promoting rhizobacteria formulated as biofertilizer in vermicast carrier	Mahesh Manjula. K, Maria Heartina Adlin Vaz. A	SSRG International Journal of Agriculture and Environmental Science (SSRG – IJAES)	2018	Volume 5	1	21-28
A review on Bioethical implications of Biotechnology	A. Maria Heartina Adlin Vaz	Cosmic concerns: An Interdisciplinary Dialogue in Applied Ethics- Conference Proceeding	2017	-	-	103-125

As Resource Person

Date	Name of the Institution	Invited As	Topic/Event
07 th September 2023	V.O. Chidambaram College, Thoothukudi	Resource person	Workshop on “Basic Laboratory techniques in Microbiology

Others:

Year	Roles/ activities/ Positions held in the college
2024	Vice Principal of SSC
2023	Member in Campus ministry and in Discipline committee, given awareness talks for CDP adopted area of our college
2022	One of the Students Council Advisor and Member in campus ministry
2021	One of the Students Council Advisor and Member in campus ministry
2020	One of the staff incharge of first year certificate course
2019	One of the staff incharge of faculty enrichment forum and worked in examination committee
2018	One of the staff incharge of Quiz club.
2017	One of the Staff incharge of Eco – friendly Campus club.
2015, 2016	Given awareness talks for CDP adopted areas, Red ribbon club, and Consumer club of our college.
2015 - 2017	One of the Students Council Advisor
2015	Worked actively in Journey of Empowered Marians – JEM Programme