



# ST.MARY'S COLLEGE MANARCADU, KERALA

Affiliated to MG University, Kottayam | 'B' Grade by NAAC

## Faculty Profile

**Name - Dr. Priya C.**  
**Designation -** Govt. Guest Lecturer  
**Department-** Botany  
**Mobile No.-** 9446773665  
**Email id -** priyachandrano31@gmail.com

### Higher Education

2017-2023	● PhD. Botany (Plant anatomy and Molecular profiling)
2015-2016	● Mphil. Environmental Science

### Teaching Experience

2022- Present	Govt. guest lecturer, Department of Botany, St.Mary's College, Manarcaud
2012-2013	Govt. guest lecturer, Department of Botany, B.K. College, Amalagiri
2011-2012	Botany teacher, Lourde Public School, Kottayam.
2010-2011	Govt. guest lecturer, Department of Botany, B.K. College, Amalagiri

### Institutional Responsibilities

2022-Present	Teaching, Administrative duties, Mentoring, Assessment, Monitoring

### Social Responsibilities Held

--	--


## Awards and Achievements

<b>2020-21</b>	47 DNA sequence submitted to NCBI.
<b>2022</b>	30hrs short term course on “Scientific waste management and significance of sustainable materials”.

## Research Publications

SL. NO	Name of the article	Journal /No.	Year of publication	Impact factor	National/ International	ISSN
1.	Impact of Retted Water (Tank) Treatments on Seed Germination And Vigour Index In <i>Sesamum indicum</i> L.Var.Kylm-1 And <i>Vigna unguiculata</i> (L.) Walp. Var. Jyothika	International Journal of Scientific Research in Science and Technology (IJSRST) 64011	2017	5.32	International	2395-6011
2.	Impact of Different Dilutions of Retted Water (Open-field) on Seed Germination and Vigour Index in <i>Sesamum indicum</i> L.Var.Kylm-1 and <i>Vigna unguiculata</i> (L.) Walp. Var. Jyothika	International Journal for Scientific Research in Science, Engineering and Technology (IJSRSET) 47147	2017	5.016	International	2395-1990
3.	A study on leaf and petiole anatomy of endemic and vulnerable species of <i>Garcinia</i> .	Journal of Emerging Technologies and Innovative Research (JETIR) 63975	2018	7.95	International	2349-5162
4.	Taxonomic relationship on <i>Garcinia</i> species based on anatomical characteristics.	Life Science International Research Journal (LSIRJ)	2018	2.87	International	2347- 8691
5.						

5.	IR Spectroscopic Analysis of Critically Endangered Jasminum Species	International Journal of Innovative Science and Research and Technology (IJISRT)	2019	6.23	International	2456-2165
6.	A monogram study on anatomical characteristics in <i>Brownea ariza</i> benth.	Journal of Emerging Technologies and Innovative Research (JETIR) 63975	2019	7.95	International	2349-5162
7.	Barcoding of Strobilanthes species in Kerala.	Journal of Emerging Technologies and Innovative Research (JETIR) 63975	2019	7.95	International	2349-5162
8.	A comparative morpho-anatomical study of leaf and stem in <i>Averrhoa bilimbi</i> L. and <i>Averrhoa carambola</i> L.	Life Science International Research Journal (LSIRJ)	2020	2.87	International	2347- 8691
9.	Anatomy, histochemistry and DNA barcoding of <i>Garcinia intermedia</i> (Pittier) hammel.	Life Science International Research Journal (LSIRJ)	2020	2.87	International	2347- 8691
10.	A comparative fourier transform infrared spectroscopic assessment of leaf extract in <i>Averrhoa bilimbi</i> L. and <i>Averrhoa carambola</i> L.	Life Science International Research Journal (LSIRJ)	2020	2.87	International	2347- 8691
11.	A monogram study on anatomical characteristics in <i>Cinnamum malabatum</i> (Burm.F.) J.Presl.	Proceedings of National seminar on new horizon for biodiversity-climate change and human security 2019-nov21-22	2020		National seminar	978935-4088711
12.	A monogram study on anatomical characteristics in <i>Litsea quinqueflora</i> (Dennst.) Suresh.	Proceedings of National seminar on new horizon for biodiversity-climate change and human security 2019-nov21-22	2020		National seminar	9789354088711
13.	A monogram study on anatomical characteristics in <i>Cinnamum verum</i> . J. Pres.	Proceedings of National seminar on new horizon for biodiversity-climate change and human security 2019-	2020		National seminar	9789354088711

		nov21-22				
14.	Synergetic effect of classical music in <i>Vigna unguiculata</i> (L.) walp	Life Science International Research Journal (LSIRJ)	2021	2.87	International	2347- 8691
15.	Histological, histochemical and molecular characterisation of <i>Cinnamomum riparium</i> gamble.	Life Science International Research Journal (LSIRJ)	2021	2.87	International	2347- 8691
16.	Barcoding of matK and rbcl locus of <i>Strobilanthes hamiltoniana</i> (Steud.) bosser & heine	Life Science International Research Journal (LSIRJ)	2021	2.87	International	2347- 8691
17.	Review on anatomical methods in plant systematics	Plant archives	2021	0.272	International	0972-5210
18	Leaf and Stem Anatomy In <i>Garcinia mangostana</i> L. (Clusiaceae).	Gujarat Agricultural Universities Research Journal	2022		National	0250-5193

## Paper Presentations

<p>1. Presented a paper in the International Conference on Recent Trends in Zoology, Biodiversity, Genetics &amp; Environmental Sciences 2018 with a paper entitled "Taxonomic relationship on <i>Garcinia</i> species based on anatomical characteristics". At Dept. of Zoology, JB Campus, Bangalore University, Karnataka. Dec 04-05, 2018.</p>
<p>2. Presented a paper in the International Conference on Climate Change, Environment and Sustainable Development 2020 on the topic Anatomy, Histochemistry and DNA barcoding of <i>Garcinia intermedia</i> (Pittier) hammel. Red Talks Daily International. HQ Vijayawada, India October 02-03, 2020.</p>
<p>3. Presented a paper in the International Conference on Life sciences for Sustainable Development : Issues and Challenges, entitled Anatomical Investigation of the Leaves and stem in <i>Garcinia mangostana</i> L. (Clusiaceae)" on Oct 3-5, 2019, organized by the Department of Botany, University College, Thiruvananthapuram &amp; sponsored by Directorate of Collegiate Education, Govt. of Kerala.</p>

## Project Guidance

2018	<b>Bacterial analysis of water samples (UG- Project . B. K. College Amalagiri)</b>
2020-2023	<b>Aquaponics Growing Fish and Plants together. (UG- Project .St. Marys College Manarcaud)</b>

--	--