

**CAUVERY COLLEGE FOR WOMEN**  
**(AUTONOMOUS)**  
**STAFF PROFILE**

**PERSONAL INFORMATION**

1. Name : E.Priya

2. Date of Birth : 07.05.1983

3. Address :

Residential	Office
Door No: 4 – 121 -I 18 <sup>th</sup> Cross Shanmuga Nagar South Ext Trichy -102.	Assistant professor PG and Research Department of Microbiology Cauvery College for women(A) Trichy- 18.

**ACADEMIC INFORMATION**

4. Designation & Department: Assistant Professor & Microbiology

5. Educational Qualification:

Degree	Year	College/University
Ph.D	2015	Government Arts college for Women (A), Pudukkottai
M.Phil	2006	JJ College of arts & science (A),Pudukkottai.
M.Sc	2005	Naina Mohamed College, Aranthangi
B.Sc	2003	Naina Mohamed College, Aranthangi

6. Research ID :

Google Scholar ID : <https://scholar.google.com/citations?user=nTZjQkoAAAAJ&hl=en&authuser=1>

Web of Science: Researcher ID: **AAJ-7494-2021**

Publons id : <https://publons.com/researcher/4333645/ezhil-priya/>

Linked in id : <https://www.linkedin.com/in/priya-microbiology-234933209>

Orchid id: <https://orcid.org/my-orcid?orcid=0000-0003-1099-2632>

Scopus id:

Mendeley id:

<https://www.mendeley.com/search/?page=1&query=characterization%20of%20Actinobacteria%20isolated%20from%20saltpan%20environment%20of%20thondi%20ramanathapuram&sortBy=relevance>

Vidwan id : <https://vidwan.inflibnet.ac.in/profile/205732>

7. **Experience :**

Date of Joining	Institution	Year of Experience
01.08.2005	Aarokkiaa Institute of Med.Lab.Technology,Aranthangi.	6 months
11.12.2006	Meenaakshi Ramasamy arts and science college,Thathanur,Perambalur (Dts).	1 year
9. 06.2008	JJ College of arts and Science (A), Pudukkottai - 622422.	8 Years
18.06.2018	Cauvery college for women (A), Trichy - 18	Till Date

8. **Area of Specialization:** Environmental Microbiology

9. **Languages known:** Tamil and English

10. **Subjects Taught :**

<b>UG</b>	Fundamentals of Microbiology, Virology, Food Microbiology, Bioinoculants , Medical microbiology, Organic Farming and Mushroom Technology
<b>PG</b>	Fundamentals of Biological Science, General Microbiology, Virology ,Microbial biotechnology, Biofertilizer Technology and RDNA Technology
<b>M.Phil</b>	Research methodology and Microbial Taxonomy

11. **Research Supervision:**

	University from where guideship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
<b>M.Phil</b>	Yes	04	2015	-
<b>P.hD</b>	No	-	-	-

12. **Details of Publications:**

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
<i>American Eurasian Journal of Sustainable Agriculture</i> ,2(1):87– 91	2008	ISSN 1995-0748	Hypersaline Cyanobacterium: APotential Biofertilizer for <i>Vigna mungo L.</i> (Black Gram)”	0.53
<i>Indian Journal of Applied Microbiology</i> , 11(1): 49 – 54.	2010	ISSN:2249 – 8400	Effects of Interspecific Competition between Natural, Chemical and Biofertilizers on theBlack Gram ( <i>Vigna mungo L.</i> ).	-

<i>Research Journal of Biological Science</i> , 2:18- 27	2010	ISSN:0974 – 4177	Bioremediation of Industrial Effluents by Hypersaline Cyanobacterium <i>Phormidium tenue</i> KMD33	-
<i>Indian Journal of Applied Microbiology</i> , 14(1): 79- 83	2011	ISSN:2249 – 8400	Efficacy of phosphate Solubilizing Activity of the Marine Fungi <i>Aspergillus awamori</i>	-
<i>Journal of Microbiology And Biotechnology Research</i> , 2(1): 1 -55	2012	ISSN:223 1 – 3168	Antimicrobial activity and phytochemical analysis of <i>Anisomeles malabarica</i> (L) R.BR	-
<i>Journal of Microbiology And Biotechnology Research</i> , 2 (3), 445 - 449	2012	ISSN:223 1 – 3168	Evaluation of aromatic and polycyclic hydrocarbon degrading abilities of selected bacterial Isolates	-
<i>International Research Journal of Environment</i> (4), 13 - 17	2014	ISSN 2319– 1414	Diversity of Actinobacteria in mangrove Ecosystem of Muthupet , India.	4.360
<i>J. Microbiol. Biotech Res.</i> 4 (1): 68 - 73.	2014	ISSN 2231 – 3168	Antagonistic Potential <i>Streptomyces flavomacrosporus</i> GACMPT-57 against plant pathogens	-
<i>International Journal of Botany Studies</i> 4(4): 01 -05	2019	ISSN 2455- 541X	Effects of various plant growth regulators and ampicillin activity on <i>in vitro</i> propagation of <i>Plumbago zeylanica</i> : An important medicinal plant of south India-Kollihills	5.12
<i>Research J. Pharm. and Tech.</i> 13 (14) : 5108- 5114	2020	ISSN 0974 - 3618	Characterization of Actinobacteria Isolated from Saltpan, Environment of Thondi, Ramanathapuram Dt.	1.20

<i>International Journal of Botany Studies.6(1): 603 - 604</i>	2021	ISSN: 2455 - 541X	Characterization of Vegetable Oil Degrading Bacteria From Oil Mill Contaminated Soil.	5.12
<i>Biological Forum – An International Journal 15(5a): 222-226</i>	2023	ISSN No. (Online): 2249-3239	<i>In vitro</i> Cholesterol Assimilation and Functional Enzymatic activities of <i>Lactobacillus</i> sp.	-
<i>Indian Journal of Natural Sciences 14(81)67013 -67021</i>	2023	ISSN: 0976 – 0997	Molecular Characterization of Feather Degrading Actinobacteria and its Phylogenetic Evaluation	2.45

### 13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
07.08.2010	Department of biotechnology, JJ College of arts and Science, Pudukkottai.	Biotechnological Approaches for sustainable environment	Optimization of callus culture and shoot multiplication of <i>Asparagus racemosus</i> L.
23th & 24 <sup>th</sup> 2010	Department of Genetechnology and Micribiology, JJ College of arts and Science, Pudukkottai.	Recent Advances and Challenges in Clinical Microbiology and Biomedical Engineering	Isoaltion and Characterization of Multidrug resistant Nosocomial Pathogens
30.08.2011	Department of Microbiology, Dhanalakshmi Srinivasan college, Perambalur.	Microbiology for Better Tomorrow	Study of microflora and nematodes associated with Rhizosphere soil of caddamom in idukki district of kerala
24.01.2019 & 25.01.2019	Department of Microbiology, Alagappa University, Karaikudi.	Recent trends in Microbiology	Phylogenetic Analysis of <i>Streptomyces scabiei</i> isolated from Muthukuda Mangrove Ecosystem Associated with, Antibacterial Activities
7.08.19 & 8.08 .19	Department of Biotechnology , Physics & Microbiology, Dr. Umayal Ramanathan College For Women, Karaikudi.	Emerging Paradigms in Disease Management and Energy Technology - 2019	Comparative Analysis of Different Fertilizers & the Significance role in Enhancement of Plant Growth in <i>Vigna Radiata</i> L.

2.03.2020	Department of Zoology M.S.S Wakf Board College, Madurai	Environmental sustainability Health and Pollution Abatement- 2020	Isolation & Characterization of Feather Degrading Actinomycetes Isolated From Pudukkottai
24 .01.2024	PG and Research Department of Microbiology	Emerging Trends in Microbial Technology	Antibacterial and Antibiofilm metallic acid Aqueous Extract of <i>Chlorella</i> sp.

#### 14. Details of Seminars / Conferences / Workshops Attended:

Date & Year	Organizer	Title	National / International
19 <sup>th</sup> 2006	Department of Microbiology, Dhanalakshmi Srinivasan college, Perambalur.	Recent Trends in Microbiology	International seminar
22& 24 <sup>th</sup> 2008	Tamil Nadu Scientific Research Organization, Arimalam	Phytomedicines for human Health care	National seminar
18 <sup>th</sup> 2009	Department of Botany, H.H. The Rajah's College(A), Pudukkottai	Recent Trends in Bioethics	National Conference
15 & 16 <sup>th</sup> 2010	Department of Microbiology, Dhanalakshmi Srinivasan college, Perambalur.	Emerging Themes in infection Biology	National Conference
10 <sup>th</sup> 2011	Department of Botany, H.H. The Rajah's College(A), Pudukkottai	Perspectives on Biodiversity Conservation	National Conference
5 <sup>th</sup> 2012	Department of Marine Biotechnology, Bharathidasan University, Tiruchirappalli	Advances in Genomics and Proteomics	National seminar
11 <sup>th</sup> 2018	Department of Biochemistry, Holy Cross College(A), Trichy	New Vistas in Life Science	International Workshop

26 & 27.9.2019	Department of Microbiology, JJ College of Arts and Science (A),Pudukkottai.	Recent Trends in Drug Discovery, Development and Targeted Delivery System for cancer-	National Conference
31.03.2022	PG and Research Department of Microbiology, Jamal Mohamed College (A),Trichy -20	Production and Formulation of Bioinoculants	State Level Workshop

**15. Details of Seminars / Conferences / Workshops Organized:**

Date	Organizer	National / International	Topic
7& 8 <sup>th</sup> 2008	Department of Microbiology and Biochemistry, JJCollege of arts and Science (A),Pudukkottai	National Conference	Prospects & Challenges of green medicine in Health Security of Rural Population in India
11 <sup>th</sup> to 13 <sup>th</sup> 2015	Department of Microbiology and Biotechnology, JJCollege of arts and Science (A),Pudukkottai	National Workshop	Advanced Techniques in Molecular Biology

**16. Details of Orientation / Refresher Course Attended:**

Date	Title of the Course	Organizer
9 <sup>th</sup> & 10 <sup>th</sup> 2008	Orientation	JJ College of arts and Science, Pudukkottai- 622 422
08.06.2020 - 15.06.2020	Gender and Development conducted by BECH –RUSA 2.0	Department of Women Studies, Bharathidasan University,Tiruchirapalli
19.06.2020 - 20.06.2020	The systemic Impact of Covid - 19 Pandemic in Education Sector	PG Research on Department of History, Nirmala College for Women, Coimbatore.

**17. Details of Study Materials / Books written and published:**

- Handbook on Fundamentals of Biochemistry: A Practical guide. 2021. ISBN: 978-81-950060-7-6 Copyright©2021 Ryan Publishers, Trichy, Tamil Nadu, India.

- Book Chapter entitled “Assesment of phytoconstituents and antimicrobial activity of Jasminum sambac L.” Advances in science and technology – Volume 2. October, 2021. ISBN: 978-81-952337-4-8, Copyright©2021 Ryan Publishers, Trichy, Tamil Nadu, India.
- Book Chapter entitled ““Detection of plant growth promoting bacteria from soil” Recent Trends in Multidisciplinary – Volume 2. ISBN: 978-81-19587-63 -6, Copyright©2022 Ryan Publishers, Trichy, Tamil Nadu.

### 18. Details of Incharge / Participation in Extracurricular Activities:

#### (NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

Nature of Activity	Period of Incharge
Mushroom cultivation certificate course , Cauvery college for Women (Autonomous), Trichy- 18.	2018 -2019
Cultural Incharge (Assistant), Cauvery college for Women (Autonomous), Trichy – 18.	2018-2019
Cultural Incharge, Cauvery college for Women (Autonomous), Trichy – 18.	2019-2020
Sports Incharge, Cauvery college for Women (Autonomous), Trichy – 18.	2020 -2021

### 19. Details of Membership in Academic Bodies/ Board of Studies:

- Acting as Chairman of board of Question paper setter in UG Microbiology at Periyar University,Salem.
- Acting as Question paper setter at Sri Krishna Arts and Science College, Coimbatore.
- Acting as Question paper setter at Vellaichamy Nadar College, Madurai.
- Acting as Question paper setter at Holy Cross College, Trichy.
- Acting as Question paper setter at STET Women's College, Mannargudi
- Acting as Question paper setter at Madurai Kamaraj University ,Madurai

### 20. Details of Membership in Professional Bodies:

- Life Member of the Microbiologists Society, India from 15th February 2024 (Membership No. MS/LM/1053)

### 21. Any other information if any:

#### GENE BANK DEPOSITION

S.NO	STRAIN NAME	ACCESSION NUMBER
1.	<i>Streptomyces niveoruber</i>	KF414963
2.	<i>Streptomyces heliomycini</i>	KF414964
3.	<i>Streptomyces flavomacrosporus</i>	KF414965
4.	<i>Lechevalieria aerocolonigenes</i>	KF414966
5.	<i>Lechevalieria flava</i>	KF414967
6.	<i>Dactylosporangium vinaceum</i>	KF414968
7.	<i>Streptomyces matensis</i>	KR909305
8.	<i>Streptomyces chilikensis</i>	KR909306

9.	<i>Streptomyces variabilis</i>	KR909307
10.	<i>Streptomyces azureus</i>	KR909308
11.	<i>Actinomycetales bacterium</i>	KR909309

**Webinar Attended Details**

International	National	State level	FDP
10	5	6	02