

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

**PERSONAL INFORMATION**

**1. Name** : Ms. P.ILAMATHY

**2. Date of Birth** : 03.07.1982

**3. Address** :

Residential	Office
No.504,5 <sup>th</sup> Cross East, Shanmuga Nagar, Uyyakondan Thirumalai, Tiruchirappalli – 620 102 Tamilnadu, India.	Assistant Professor, Department of Biotechnology, Cauvery College for Women (Autonomous), Annamalai Nagar, Tiruchirappalli – 620 018 Tamilnadu, India.

**ACADEMIC INFORMATION**

**4. Designation & Department:** Assistant Professor & Biotechnology

**5. Educational Qualification:**

Degree	Year	College/University
B.Sc., Botany	1999 - 2002	Seethalakshmi Ramaswamy College for Women (Autonomous), Trichy.
M.Sc., Biotechnology	2002 - 2004	Bishop Heber College (Autonomous), Trichy.
M.Phil., Biotechnology	2005 - 2006	Bharathidasan University, Trichy.
Ph.D.,	(Registered)	Thanthai Hans Roever College of Arts & Science (Autonomous), Perambalore.

**6. Researcher ID: Google Scholar ID : HXCwv4cAAAAJ&hl**

**Orcid ID: 0000-0002-3382-6680**

**Vidwan ID: 206440**

**Publons ID: <https://publons.com/researcher/4347238/ilamathy-palanivel/>**

**SCOPUS ID:**

<https://id.elsevier.com/settings/redirect?code=V13CVXOkglF5rsxSX511odmseGdxHsV481xCtK0e>

**Mendeley ID:**

<https://www.mendeley.com/search/?page=1&query=Ilamathy%20Palanivel&sortBy=relevance>

**7. Date of Joining: 17. 06 2005**

**8. Experience: Till Date**

**9. Areas of Specialization : Plant Biotechnology**

**10. Languages known : Tamil & English**

**11. Subjects Taught :**

<b>UG</b>	<b>1.Cell Biology</b> <b>2. Molecular Biology</b> <b>3.Bioinstruments</b> <b>4.rDNA Technology</b> <b>5.Applied Biochemistry</b> <b>6.Immunology</b> <b>7.Biomolecules</b> <b>8. Bioinformatics</b> <b>9.Animal Biotechnology</b> <b>10.Plant Tissue Culture</b> <b>11.Plant Biotechnology</b> <b>12.Environmental Biotechnology</b> <b>13.Biodiversity</b> <b>14.Clinical Mycology and Virology</b> <b>15.Clinical Parasitology</b> <b>16. Applied Microbiology</b> <b>17.Value Education</b> <b>18.Environmental Studies</b>
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## 1. Research Supervision:

	Thesis Completed	Pursuing
M.Phil	NIL	NIL
P.hD	NIL	NIL

## 12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
SSRN & Vol.6	April 11, 2019	<a href="https://ssrn.com/abstract=3370124">https://ssrn.com/abstract=3370124</a>	Isolation, Purification and Mass Production of Protease from <i>Bacillus Subtilis</i>	RJIF 5.12
International Journal of Ecology and Environmental Sciences & Vol.2	November 2, 2020	<a href="http://www.ecologyjournal.in/archives/2020.v2.i4.149">http://www.ecologyjournal.in/archives/2020.v2.i4.149</a>	Trace metal analysis of the leaves of <i>Azima tetraacantha lam.</i>	RJIF 5.28
Elsevier - Journal of Drug Delivery Science and Technology & Vol.66	December 1, 2021	<a href="https://doi.org/10.1016/j.jddst.2021.102766">https://doi.org/10.1016/j.jddst.2021.102766</a>	Assessment of behavioral changes and antitumor effects of silver nanoparticles synthesized using diosgenin in mice model	

**13. Details of Papers Presented:**

<b>Date &amp; Venue</b>	<b>Name of the Seminar</b>	<b>Paper Name</b>
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>

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

<b>Year &amp; Date</b>	<b>Organizer</b>	<b>Title</b>	<b>National / International</b>	<b>Topic</b>
September 10-12, 2014	Department of Biotechnology, Cauvery College For Women, Trichy.	Three days Science Academies' Lecture Workshop	National	Advances In Biology
September 25 – 26, 2014.	Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti-7	Two days workshop on Indian Council of Medical Research (ICMR) Sponsored Lecture Workshop	National	Need Based Value Added Research proposal Writing
March 3 – 5, 2016	Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti- 7.	Three days Science Academies' Lecture Workshop	National	Frontiers in Life Sciences
September 26-28, 2016	Department of Biotechnology, Cauvery College For Women, Trichy.	Two days Science Academies' Lecture Workshop	National	Current Development sin Biology, Biotechnolog y&

				Evolution
September 21-22, 2017	Department of Biotechnology, Cauvery College For Women, Trichy	Two days Science Academies' Lecture Workshop	National	Modern Trends in Biology
March 18 – 19, 2017	Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti-7.	Two days Science Academies' Lecture Workshop	National	Emerging Vistas in Plant Sciences
September 28-30, 2018.	Department of Biotechnology, Cauvery College For Women, Trichy.	Two days Science Academies' Lecture Workshop	National	Advances in Biosciences
September 11, 2018	Holy Cross College (Autonomous), Trichy	One day International Conference International	International	New Vistas in Life Sciences

February 19, 2019	Department of Biotechnology, Thanthai Hans Roever College (Autonomous), Elambalur, Perambalur.	One day International Conference International	International	Emerging Trends in Biosciences (ICETB 2019)
April 29 & 30, 2020	Teaching Learning Centre (Under PMMMNTT Scheme, Department of Higher Education, MHRD, GoI) Coimbatore Institute of Technology (Government Aided Autonomous Institution), Coimbatore	Two-Day FDP on “Virtual Teaching”	National	Virtual Teaching
June 8 <sup>th</sup> 2020	G.T.N. Arts College (Autonomous), Dindigul.	FDP	National	Future of Examinations: Bloom’s Taxonomy and Multiple assessment Tools
June 9 <sup>th</sup> 2020	Tamilnadu State Council for Science and Technology (TNSCST) & Department of Science & Technology (DST)	Webinar	State	PANDEMIC – Past, Present and Future with special reference to COVID - 19

June 9 <sup>th</sup> 2020	Mar Baselios Institute of Technology and Science (MBITS), Kerala and Mahatma Gandhi University, Kerala	Webinar	International	How to get Research Grants from UGC, AICTE (Minor or Major Research Projects Application Process)
June 10 <sup>th</sup> 2020	Maris Stella College (Autonomous), Vijayawada, Andrapradesh.	webinar	National	Insight into SARS Coronavirus – 2: A Molecular Update
July 6 <sup>th</sup> 2020	Sri Meenakshi Government Arts College for Women (Autonomous), Madurai - 02	Webinar	National	Medicinal Plants used in Siddha Formulation Currently Recommended for Covid 19
July 6 <sup>th</sup> & 7 <sup>th</sup> 2020	Department of Biomedical Engineering, Dr. NGP Institute of Technology, Coimbatore	Conference	National	Biomedical Engineering and Medical Imaging systems
July 11 <sup>th</sup> 2020	Department of Commerce, Cauvery College for Women (Autonomous), Trichy - 18	FDP	National	Outcome Based Education (OBE)

July 15 <sup>th</sup> 2020	Shree Shivaji Arts, Commerce & Science College, Rajura, Maharashtra in Association with Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur, Maharashtra	Webinar	National	Intellectual Property Rights – Patents
July 18 <sup>th</sup> 2020	Dr. M.G.R Educational and Research Institute, Chennai	Webinar	International	Data Science and its uses in Life Science
July 19 <sup>th</sup> 2020	Paribesh Sathi, Kalyani, West Bengal	Webinar	International	Environmental Sustainability and COVID – 19 Pandemic
July 22 <sup>nd</sup> 2020	The American College, Madurai	Webinar	National	Teacher Vs Learner: Impact of COVID'19 in Colleges



July 23 <sup>rd</sup> 2020	Institution Innovation Council, Sri Eshwar College of Engineering (Autonomous), Coimbatore	Webinar	State Level	Last time – First time Approach to groom your Knowledge and Skills
July 28 <sup>th</sup> 2020	Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli	Webinar	National	Current Issues Emerging Over Environment and Education
August 8 <sup>th</sup> 2020	The Biomics Revolutionising Life Science, Chennai	Webinar	State	Research Methodology and Applications of Surface Plasmon Resonance
February 14 <sup>th</sup> & 15 <sup>th</sup> 2021	IASc, Bengaluru. INSA, New Delhi. NASc, Prayagraj & Srimad Andavan College of Arts & Science (Autonomous), Trichy	Workshop	National	Recent Trends in Microbiology and Biotechnology
March 18 <sup>th</sup> & 19 <sup>th</sup> 2021	Srimad Andavan College of Arts & Science (Autonomous), Trichy	Webinar	International	Current Scenario in Therapeutics – Prospects and Challenges

April 28 <sup>th</sup> 2021	Tamilnadu State Council for Science and Technology (TNSCST), Chennai	Webinar	State	Indigenous SMEs and Intellectual Property
June 8 <sup>th</sup> 2021	Rajapalayam Raju's College, Rajapalayam & Wildlife Association, Rajapalayam (WAR)	Webinar	National	Microplastic Pollution in the Ocean and its Effect on Marine Life
June 29 <sup>th</sup> & 30 <sup>th</sup> 2021	Department of Zoology, University of Lucknow	Webinar	International	Forensic Entomology and its Relevance in Legal Proceedings
July 26 <sup>th</sup> to 28 <sup>th</sup> 2021	Madras Christian College (Autonomous), Chennai	Webinar	International	Industrial Innovation and Entrepreneurship Opportunities in Algal Biotechnology
August 6 <sup>th</sup> 2021	ICAR – Research Complex for Eastern Region, Patna, Bihar.	Workshop	National	Medicinal Plants in Eastern India: Constraints and Prospects

September 16 <sup>th</sup> & 17 <sup>th</sup> 2021	School of Chemistry, Madurai Kamaraj University, Madurai	E - Conference	International	Recent Trends in Natural Products Research and their Applications
October	MANAV Human Atlas Initiative, NCCS & IISER, Pune.	Webinar	National	How to Read Scientific Literature?
October 27 <sup>th</sup> & 28 <sup>th</sup> 2021	Department of Microbiology, The Madura College (Autonomous), Madurai.	Webinar	State	A Juncture of Classical and Contemporary Research in Biological Sciences
December 21 <sup>st</sup> & 22 <sup>nd</sup> 2021	Department of Biotechnology	Conference	International	Emerging Innovations and Entrepreneurship in Biotechnology
February 2 <sup>nd</sup> 2022	Centre for Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Chidambaram & Department of Science and Technology (DST –	Workshop	National	

	PURSE II), New Delhi.			
August 12 <sup>th</sup> & 13 <sup>th</sup> 2022	Marudhar Kesari Jain College for Women, Vaniyambadi.	Workshop	National	In Pursuit of Manoeuvre Quality Assessment, Enhancement in HEIs: New Framework of NAAC
December 12 <sup>th</sup> 2022	Institution Innovation Council, Cauvery College for Women (Autonomous), Trichy - 18	FDP	State	Application of IOT in Industrial Sectors
February 6 <sup>th</sup> & 7 <sup>th</sup> 2023	Institution Innovation Council, Cauvery College for Women (Autonomous), Trichy - 18	FDP	State	IPR

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

<b>Date</b>	<b>Title</b>	<b>State/National / International</b>	<b>Topic</b>
26 <sup>th</sup> and 27 <sup>th</sup> September	Two days State Level Technical Workshop	State Level	Intellectual Property Rights

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

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

**18. Details of Chairing as Resource Person: NIL**

**19. Administration Positions held in the College: NIL**

**20. Details of In-Charge / Membership in Committees for Autonomous: NIL**

**21. Details of In-Charge / Participation in Extracurricular Activities :**

<b>Nature of Activity</b>	<b>Period of Incharge</b>
<b>Department Placement Incharge</b>	2014 -2017
<b>Bolivar Club Incharge</b>	2016-2017
<b>Department Lab Incharge</b>	2016-2017
<b>Department Tutor - ward System Incharge</b>	2017-2018
<b>Department Cultural Incharge</b>	2018 -2019
<b>Department Sports Incharge</b>	2018 -2019
<b>Department SWAYAM – NPTEL Coordinator</b>	2019 – 2022
<b>Department Value Added Courses Coordinator</b>	2021 - 2022
<b>Department EDC Coordinator</b>	2022 - 2023
<b>Department ISO Incharge</b>	2022 - 2023

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

**0.22. Details of Participation in Consultancy, Training, Development etc..:**

<b>S. NO</b>	<b>DATE</b>	<b>TITLE</b>	<b>CONSULTANCY</b>
<b>1.</b>	April 15 to April 21, 2021	RUSA Sponsored Short Term Online Course on “Coastal Biodiversity”	<b>UGC &amp; Human Resource Development Department, University</b>

			<b>of Mumbai</b>
<b>2.</b>	February to April 2020	Ministry of HRD, Govt. of India Funded NPTEL Online FDP Certificate Course on “ <b>Cell Culture Technologies</b> ”	<b>NPTEL – IIT, Kanpur.</b>
<b>3.</b>	September to November, 2020	Ministry of HRD, Govt. of India Funded NPTEL Online FDP Certificate Course on “ <b>Organic Farming for Sustainable Agricultural Production</b> ”	<b>NPTEL – IIT, Kharagpur.</b>
<b>4.</b>	July to October, 2022	NPTEL – AICTE Funded by the MoE, Govt. of India FDP Certificate Course on “ <b>Experimental Biotechnology</b> ”	<b>NPTEL – IIT, Madras.</b>

❖ **Department NPTEL - Mentor Details**

<b>S. NO</b>	<b>DATE</b>	<b>TITLE</b>	<b>CONSULTANCY</b>
<b>1.</b>	<b>July – December, 2021</b>	Ministry of HRD, Govt. of India Funded NPTEL Online Certification Course on “ <b>Bioreactors</b> ”	<b>NPTEL – IIT, Madras.</b>
<b>2.</b>	July to October, 2022	NPTEL – AICTE Funded by the MoE, Govt. of India Certificate Course on “ <b>Experimental Biotechnology</b> ”	<b>NPTEL – IIT, Madras.</b>

❖ **Developed a E-Content Video on the topic “T- Lymphocytes”**

**23. Details of Membership in Academic Bodies/ Board of Studies and Reviewer Details: NIL**

**24. Details of Membership of Professional Bodies: NIL**

**25. Country visited: NIL**

**26. Any other information if any:**

- **State Level Webinars Attended – 11**
- **National Webinars Attended – 11**
- **International Webinars and Conferences Attended - 10**
- **Number of FDP Programmes Attended - 04**
- **Number of Online Courses Attended - 02**
- **Number of Workshop National & International Attended - 11**