

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

**PERSONAL INFORMATION**

1. Name : Dr.N.SATHAMMAI PRIYA  
2. Date of Birth : 16.11.1992  
3. Address :

Residential	Office
NO.7, JAILANIYA 4 <sup>TH</sup> STREET SUBRAMANIYA PURAM TVS TOLAGATE TRICHY-620020	CAUVERY COLLEGE FOR WOMEN, ANNAMALAI NAGAR, TRICHY -18.

4. PAN Number : FWXPS0439B  
5. Aadhar Card Number 253236126367

**ACADEMIC INFORMATION**

6. Designation & Department : Assistant Professor, Department of Microbiology

7. Educational Qualification :

Degree	Year	College/University
B.Sc.,	2013	Cauvery college for women Annamalai nagar Trichy-620018
M.Sc.,	2015	Cauvery college for women Annamalai nagar Trichy-620018
Ph.D	2022	A.V.VM.Sri pushpam college Poondi,Tanjavur-

**Researcher ID:**

E.Mail.id: sathamaipriya.mb@cauverycollege.ac.in

Google scholar id: <https://scholar.google.com/citations?user=EuSzgXIAAAAJ&hl=en>

Scopus id: <https://www.scopus.com/authid/detail.uri?authorId=57201548661>

Web of science id: AAJ-3715-2021

Orchid id: <https://orcid.org/0000-0002-8986-7641>

Vidwan id: <https://vidwan.inflibnet.ac.in/profile/205761>

Mendeley: [https://www.mendeley.com/search/?query=Sathammaipriya&dgcid=md\\_homepage](https://www.mendeley.com/search/?query=Sathammaipriya&dgcid=md_homepage)

Publons: <https://publons.com/researcher/4332406/sathammai-priya/>

Linkedin: <https://www.linkedin.com/mwlite/in/sathamaipriya-microbiology-606b73214>

**8. Experience :**

Date of Joining	Institution	Year of Experience
15.06.2015	Cauvery college for women, Annamalai Nagar, Trichy -18	9 years

**9. Areas of Specialization : Herbal science & Nano Technology**

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

**11. Subjects Taught :**

<b>UG</b>	Medical Microbiology, Clinical mycology & Virology, Bioethics, Fundamentals of Microbiology, Bacteriology, Biochemistry II, Food Microbiology, Agricultural and Environmental Microbiology, Molecular Biology, Pharmacognosy, Ethno medicine, Value Education.
<b>PG</b>	Bioprocess technology, Quality control and IPR, General Microbiology, Biological techniques, Virology, Biofertilizer Technology, Ecology.
<b>M.Phil</b>	<b>NIL</b>

**12. Research Supervision: NIL**

	University from where guideship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
<b>M.Phil</b>				
<b>P.hD</b>				

**13. Details of Publications:**

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
International Journal of Research in Pharmaceutical Sciences & Vol 9	2017	0975-7538	Low cost pre-treatment of lignocellulosic waste by white rot fungi for ethanol production using <i>Saccharomyces cerevisiae</i>	0.1

Asia-Pacific Journal of Research & Vol 1	2017	2347-4793	Extraction and Partial Purification of Lactase Enzyme from Lactobacillus Sp. Isolated from Curd Sample	-
National Journal of Physiology, Pharmacy and Pharmacology & Vol 8	2018	2320-4672	Investigation of phytochemical constituents in Azolla microphylla for antibacterial activity	0.17
Research J. Pharm and Tech..& Vol 12	2019	0974-360X	Gas chromatography and mass spectroscopy analysis of phytoactive components on the seed extract of Caesalpinia bonducella	0.13
Asian Journal Pharmaceutical and clinical Research	2019	2455-3891	Phytochemical evaluation, GC-MS analysis of phytoactive compounds, and antibacterial activity studies from Linum usitatissimum	0.22
International Journal of Research in Pharmaceutical Science & Vol 3	2019	0975-7538	Cultivation of oyster mushroom using different substrates and evaluate their potentials of	0.1

			antibacterials and phytochemicals.	
Int J Pharm Sci & Res & vol 3	2020	0975-8232	Assessment of antibacterial and antioxidant activity of whey protein and quantification by reverse phase HPLC	1.230
International journal of botany studies	2020	2455-541X	Bioactive compounds isolation from efficient Marine <i>Streptomyces</i> MWO9-9rw2-3) by GC-MS Analysis	5.12
Bulletin of Environment, Pharmacology and Life sciences	2021	2277-1808	Evaluation of Antimicrobial and antioxidant activities of <i>Caesalpinia bonducella</i> seed extract	0.9
Asian Pacific Journal of Health Sciences	2021	2349-0659	Analysis of Physico-Chemical Parameters of Textile Effluent from Sidco, Vijapuram, Alangadu and Rayapuram Polluted Regions in Noyyal River, Tirupur, Tamil Nadu, India	0.56

International Journal of Entomology Research		2455-4758	Stingless bee honey: A systematic review of the therapeutic potential and its nutraceutical properties	5.24
International Journal of Botany Studies		2455-541X	Extraction and characterization of microbial pigment	5.12
Research J. Pharm. and Tech.	2021	0974-3618	Bioremediation of Kitchen wastes through Mushroom Cultivation and Study their Phytochemical and Antioxidant Potential using GCMS Chromatogram	0.13
Chemistry Africa-A Journal of Tunisian Chemical Society	2022	2522-5758	Exploring the drug potential of phytochemicals as a Novel Therapeutic drug candidate for Herpesvirus: An In-Silico Evaluation	2.6

Naunyn-Schmiedeberg's Archives of Pharmacology	2022	1432-1912	Botany, traditional usages, phytochemistry, pharmacology, and toxicology of <i>Guilandina bonduc</i> L.: a systematic review	3.6
Intelligent Pharmacy	2023	2949-866X	Unravelling the influenza virus inhibitory potential: Ligand-based docking, pharmacophore, MM-GBSA, and molecular dynamic simulation of phytochemicals and cyanobacteria metabolites	-
Biological Forum: An International Journal	2023	2249-3240	In vitro cholesterol assimilation and functional enzymatic activities of <i>Lactobacillus</i> sp.	4.0

#### 14. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
05.10.2017& 06.10.2017	A.V.V.M Shri Pushpam College, Poondi, Thanjavur	National Level Seminar on "Recent Advances in Modern Biology & Rural Development".	Investigating Phytochemical constituents of <i>Azolla microphylla</i> for antimicrobial Activity

23.02.2019	Periyar E.V.R. College Trichy-620020	Cancer Inferno And Its Prevention Strategies (ICCIPS-19)	Phytochemical Screening, Total Phenolic, Flavonoid Content And Antioxidant Activity Of Seeds And Leaves Of <i>Caesalpinia</i> <i>Bonducella</i>
28.02.2019- 01.03.2019	Loyola college Chennai-34	Biochemistry And Therapeutics Of Diabetes And Cancer Treatment & Challenges	Evaluation of therapeutic potential and GC-MS analysis of <i>Caesalpinia</i> <i>bonducella</i> leaves to evidence of the formulation of Anti- hyperglycemic drugs
07.08.2019 & 08.08.2019	Dr.Umayal Ramanathan College For Women, Karaikudi	International Conference on Emerging paradigms in Disease Management and Energy Technology-	Production of pyocyanin pigment from <i>Pseudomonas</i> <i>aeruginosa</i> and
		ICDMET-2019	their effective role on antifouling and oil degradation.
09.08.2019	Sengamala Thayar educational Trust women's college, Mannargudi	International seminar on Microbial interventions for the welfare of the human beings	Phytochemical screening, Total phenolic, flavonoid content and antioxidant activity of seed kernel and leaves of <i>Caesalpinia</i> <i>bonducella</i>
10.03.2020 & 11.03.2020	Jamal Mohammed College, Tiruchirappalli	National seminar on Frontiers in Biological Innovations for Resource management,	Biosynthesis of Phosphorous nanoparticles using <i>Caesalpinia</i>

		patents and Entrepreneur development.	bonducella seed extracts and their new avenues in Nanoscience
24.01.2024	Jamal Mohammed College	International Conference on Emerging trends in microbial technology	Biogenesis of Zn/ZNo nanoparticles and formulation of functional Zinc based topical ointment as a therapeutic intervention in wound healing.

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

Year & Date	Organizer	Title	National / International	Topic
02.08.2017-04.08.2017	St. Joseph College, Trichy.	“New Vistas in Biodiversity & Bioresources”.	UGC - Sponsored Science Academics“ Lecture workshop	“New Vistas in Biodiversity & Bioresources”.
05.10.2017&06.10.2017	A.V.V.M Shri Pushpam College, Poondi, Thanjavur	“Recent Advances in Modern Biology & Rural Development”.	National Level Seminar	“Recent Advances in Modern Biology & Rural Development”.
12.09.2017	Sengamalar Thayar College, Manarkudi.	“Microbes, Microbial Processes & Product”.	International Conference	“Microbes, Microbial Processes & Product”.
12.09.2017&13.09.2017	Srimad Andavan Arts & Science College, Trichy.	“Herbal Medicines”.	Lecture Workshop	“Herbal Medicines”.



04.01.2018 –	St. Joseph College, Trichy.	“Bioprospection of Bioresources: Land to Lab Approach”.	UGC - Sponsored Science Academics“ Refresher Course	“Bioprospection of Bioresources: Land to Lab Approach”.
08.02.2018.	St. Joseph College, Trichy.	“Bionanomaterials and Bionanotechnology”	International Colloquia (ICBB“18)	“Bionanomateri als and Bionanotechnol Ogy
08.09 .2017 & 09.09.2017	Bishop Heber College, Trichy	Frontiers in Nanobiotechnology	International	Frontiers in Nanobiotechnolo gy
05.10.2018 & 06.10.2018	A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur	Research Methodology, Scientific Writing & Statistical Data Analysis	State level workshop	Research Methodology, Scientific Writing & Statistical Data Analysis
15 <sup>th</sup> December 2018	St. Joseph College, Trichy.	Histopathological Techniques (HITECH- 18)	National level workshop	Histopathological Techniques (HITECH-18)
11.09.2018	PG Department of Biochemistry, Holy Cross College (Autonomous), Tiruchirappalli.	New Vistas in Life Sciences	National conference	New Vistas in Life Sciences
23.02.2019	Periyar EVR College Trichy-620020	Cancer Inferno And Its Prevention Strategies (ICCIPS- 19)	International conference	Cancer Inferno And Its Prevention Strategies (ICCIPS-19)

27.02.2019	Bharathidasan university Trichy-24	Science & Society Challenges In Biotechnology	National Seminar	Science & Society Challenges In Biotechnology
28.02.2019 & 01.03.2019	Loyola college Chennai-34	Biochemistry And Therapeutics Of Diabetes And Cancer Treatment & Challenges	National conference	Biochemistry And Therapeutics OfDiabetes And Cancer Treatment & Challenges
28.02.2020	M.R. Government Arts College , Mannargudui	One day National seminar on Induction if higher educational learners on the disease preventive therapeutic properties of indigenous medicinal plants and their display- Sponsored by TNSCST	National seminar	One day National seminar on Induction if higher educational learners on the disease preventive therapeutic properties of indigenous medicinal plantsand their display- Sponsored by TNSCST
11-07-2019 & 12-07-2019	Bharathidasan University, Tiruchirappalli	Microbes in Women Health	National Seminar	Microbes in Women Health
31.03.2022	Jamal Mohammed College	Production and formulation of bioinoculants	State Level Workshop	-

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

Date	Title	National / International	Topic
19.01.2018	Mushroom cultivation	National level workshop	Mushroom Cultivation
13.05.2020	Digital Tools for engaging students	National level webinar	Digital Tools for engaging students
17.06.2020	Science behind the solar eclipse and mythology	National level webinar	Science behind the solar eclipse and mythology

#### 17. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
04.01.2018 - 18.01.2018	UGC - Sponsored Science Academics“ Refresher Course on “Bioprospection of Bioresources: Land to Lab Approach”.	St. Joseph College, Trichy.
Dec 2018- Mar 2019	Latest Trends in Pedagogy and Assessment	Swayam (ARPIT) Online
April 2020- May 2020	Moodle learning management system	IIT, Bombay
30.06.2021 to 30.07.2021	Innovation Ambassador training(Foundation Level)	Ministry of Education& Innovation Cell, AICTE, NewDelhi

#### 18. Details of Study Materials / Books written and published:

S.No	Book	Chapter	ISBN	Year	Publisher
1	-	Aspects of nanotechnology applied in the energy sector	978-10-32405-43-8	2023	Taylor and Francis
2	Computer Applications in Biology	-	ISBN- 978-81-19587-71-1 EISBN- 978-81-19587-81-0	2023	Ryan Publisher

#### 19. Details of Chairing as Resource Person:

Date	Title of the Seminar/Conference	Session Chaired
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27.02.20& 28.02.20	International colloquium on current science organised by Sri Sarada College for women, Tirunelveli.	Lead Talk1: Women in science
20.07.2020	International webinar on Women, <b>the sculptures of the society</b>	Talk: 1
24.01.2022	National Girl Child Day webinar organized by Queens College, Thanjavur.	Talk: 1
28.09.2022	Student Induction Programme, Shivani Engineerig College	Chief Guest
07.10.2023	Student Induction Programme, Mariamman Nursing College, Trichy	Chief Guest

## 20. Administrative Positions held in the College: NIL

Nature of Position	Year
NIL	

## 21. Details of In-charge / Participation in Extracurricular Activities:

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

Nature of Activity	Period of In-charge
NSS Programme officer (Unit- I)	2015 onwards
Department Sports In- Charge	2016-17
Jenner's club In-charge	2017-18
Blood Donors club In-Charge	2017-18
UBA Programme officer	2019 onwards
Social Media Co-Ordinator	2019 onwards

## Participation in Extracurricular Activities:

- More than 300 programmes, acted as Chief Guest in various Colleges, Schools and clubs in and around Tamil Nadu for the past 10 years.

## 22. Details of Participation in Consultancy, Training, Development etc.:

- Acted as Translator with Tran id 6201- for „Bio informatics an Algorithm and Applications“ in „TAMIL“ at NPTEL, IIT, Madras (2020)
- Acted as Translator for “Biology Module- kebo \_10504\_e\_content” in Tamil at NCERT SWAYAM MOOCS Course content.(2020)

**23. Details of Membership in Academic Bodies/ Board of Studies: NIL****24. Details of Membership of Professional Bodies:**

Life Member in Mycological Society of India.

Life Member in Microbiologist Society, India.

**25. Countries visited academically: NIL****26. Any other information if any:**

- Filed and Published 2 patents in IPR India.
- Received 3 TNSCST Student Project for the year of 2019 and 2022 from Tamil Nadu state council for science and technology.
- Cleared online exam ARPIT in “Latest Trends in Pedagogy and Assessment”
- Cleared online exam ARPIT in “Biomedical Nanotechnology”
- Received Rs. 7500 for TNSCST Student project scheme.
- International Webinar Attended : 03
- National Webinar Attended : 26
- State Level Webinar Attended : 02
- Completed Certificate course in Moodle

**Recipient of the following awards**

S.No	Name of the award	Awarded by
1.	“BEST SPEAKER OF TAMIL NADU”	<b>Honourable A.P.J.ABDUL KALAM</b>
2.	“NATRAMIZH NAAVARASI”	Uyarthiru.Vaiko
3.	“BEST SPEAKER OF TAMIL NADU”	<b>Padmabhushan Vairamuthu</b>
4.	“Miss .RYLA”	Mr.Irayanbu,IAS
5.	“SUPREME SPEAKER”	Erode Rotary Club
6.	“AEGALIVAN”2013”	Rotary Club of Tiruchirappalli
7.	“SATHAMMAI BHARATHI”	Tiruchirappalli Tamizh Sangam
8.	BEST NSS PROGRAMME OFFICER	Bharathidasan University
9.	MUNNODI PENMANI AWARD	Bharathidasan University