

**CAUVERY COLLEGE FOR WOMEN****(AUTONOMOUS)****STAFF PROFILE****PERSONAL INFORMATION****1. Name : Mrs. S. SATHYA****2. Date of Birth : 05.07.1990****3. Address :**

<b>Residential</b>	<b>Office</b>
<b>No:204-C LINGAM NAGAR, VAYALUR ROAD, TRICHY-02.</b>	<b>CAUVERY COLLEGE FOR WOMEN, ANNAMALAI NAGAR, TRICHY -18.</b>

**ACADEMIC INFORMATION****4. Designation & Department: Assistant Professor, Department of Microbiology****5. Educational Qualification:**

<b>Degree</b>	<b>Year</b>	<b>College/University</b>
B.Sc., Microbiology	2010	Cauvery College for Women, Trichy
M.Sc., Microbiology	2012	Cauvery College for Women, Trichy
Ph.D., Microbiology	Pursuing	A.V.V.M. Sri Pushpam College, Poondi, Thanjavur.
NET., Microbiology	2020	ASRB – ICAR NET Qualified

**6. Researcher ID :**

- Google scholar id: 5nz0raaaaaaj

Orcid id: <https://orcid.org/0000-0003-3369-5657>Linked in: <https://www.linkedin.com/in/sathya-s-5710701b6/>Scopus id: <https://www.scopus.com/home.uri>Mendeley id: <https://www.mendeley.com/reference-manager/library/all-references/>

Web of science:

<https://apps.clarivate.com/account?app=censub&tab=email&next=https:%2f%2fmjl.clarivate.com%2fhome>Publons id: <https://publons.com/researcher/4335884/sathya-s/>Vidwan id: <https://vidwan.inflibnet.ac.in/profile/205809>**7. Experience :**

<b>Date of Joining</b>	<b>Institution</b>	<b>Year of Experience</b>
04.08.2014	Cauvery college for women, Annamalai Nagar (Autonomous), Trichy -18	10 Years

**8. Areas of Specialization:** Environmental & Agricultural Microbiology**9. Languages known :** Tamil & English**10. Subjects Taught :**

<b>UG</b>	Fundamentals of Microbiology, Microbial Metabolism, Introductory Virology, Microbial Biotechnology, Molecular Biology, Bioethics, Food Microbiology, Environmental & Agricultural Microbiology.
<b>PG</b>	Medical Microbiology, Biological Techniques, Quality Control & IPR, Immunology.
<b>M.Phil</b>	Nil

### 11. 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>				

### 12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
<i>Environmental Conservation Journal &amp; Vol 20 Issue (1&amp;2)</i>	2019	<b>2278-5124 (Online)</b>	Efficacy of fungal Biodeterioration on stone monuments	-
<i>Bulletin of Environment, Pharmacology and Life Sciences (BEPLS) &amp; Vol 10(5)</i>	2021	<b>2277-1808</b>	Evaluation of Antimicrobial and Antioxidant Activities of <i>Caesalpinia bonducella</i> seed Extract	-
<i>Asian Pacific Journal of Health Sciences &amp; Vol 8(3)</i>	2021	<b>2349-0659</b>	Analysis of Physico-Chemical Parameters of Textile Effluent from Noyyal River	0.565
<i>Biological Forum: An International Journal</i>	2023	<b>2249-3239</b>	A Study on Fungi Biodeterioration on Stone Monuments	4.96.

### 13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
09.08.2019	PG & Research Department of Microbiology, Sengamala thayaar educational trust women's college	International Seminar on "Microbial Interventions for the Welfare of Human Beings" (MIWHB-2019)	A Study on fungal Biodeterioration on Stone monuments

26.02.2025	Sengamala Thayaar Educational Trust Women's College (Autonomous), Mannargudi.	National Conference on "Microbial Insights: Current Trends, Challenges and Future Frontiers" (MICTCFF-2025)	Physico-Chemical Parameters of Dispersed Effluent from Textile Industries at Dollar City
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**14. Details of Seminars / Conferences / Workshops Attended:**

Year & Date	Organizer	Title	National / International	Topic
08.02.2018.	St. Joseph College, Trichy.	Colloquia	International	Bionanomaterials and Bionanotechnology (ICBB'18)
11.11.2018	Holy Cross College (Autonomous)	Conference	International	"New Vistas in Life Sciences"
15.12.2018	St. Joseph's College (Autonomous), Tiruchirappalli.	Workshop	Regional	Histopathological Techniques (HITECH-18)
27.02.2019	Bharathidasan University, Tiruchirappalli.	Seminar	National	Science and Society-Challenges in Biotechnology.
28.02.2020	PG & Research Department of Microbiology, M.R.Government Arts College.	TNSCST Sponsored Seminar on "Induction of Higher educational learners on the disease preventive and therapeutic properties of indigenous medicinal plants and their display	National	TNSCST Sponsored Seminar on "Induction of Higher educational learners on the disease preventive and therapeutic properties of indigenous medicinal plants and their display"

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

Date	Title	National / International	Topic

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

Date	Title of the Course	Organizer

04.01.2018	UGC - Sponsored Science Academics' Refresher Course on "Bioprospection of Bioresources: Land to Lab Approach".	St. Joseph College, Trichy.
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**17. Details of Study Materials / Books written and published:**

- Textbook on Microbiology 2023.ISBN: 978-93-93968-21-0
- Foundations in Microbiology January 2025. ISBN: 978-93-93968-29-6

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

Date	Title of the Seminar/Conference	Session Chaired

**19. Administrative Positions held in the College: Nil**

Nature of Position	Year

**20. Details of Incharge / Participation in Extracurricular Activities:**

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

Nature of Activity	Period of In charge
Department Blood Donor's Club	2015-2016
Mushroom Cultivation- Certificate course	2015-2016
Department Cultural Activities	2016-2017
Department Sports In charge	2016-2017
Department Jenner's Club	2018-2019

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

- Acted as Translator for "Biology Course module kebo\_10702" from English to Tamil in **NCERT MOOCs Translation** (2020).
- Acted as Translator with **Tran id 0939** for "Bioinformatics: Algorithm and Applications (606510210)" in **NPTEL Translation**. (2020)
- Acted as Translator with **Tran id 0939** for "Chemical Process Intensification (103103152)" in **NPTEL Translation**. (2021)

**22. Details of Membership in Academic Bodies/ Board of Studies:**

- Lifetime member in Indian Society of System for Science and Engineering (ISSE)Coimbatore-Trichy Region.

**23. Details of Membership of Professional Bodies:**

- Lifetime Membership in MICROBIOLOGISTS SOCIETY, INDIA

**24. Countries visited academically: Nil**

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

- Awarded for General Proficiency in Under Graduation in Microbiology (2007- 2010), Cauvery College for Women, Trichy-18.
- Awarded for General proficiency in post-graduation in Microbiology, (2010-12). Cauvery College for Women, Trichy-18.
- University Rank Holder in Under Graduation
- University Rank Holder in Post-Graduation

- Received Certificate for **NPTEL-AICTE Faculty Development Course (FDP)** on “Organic Farming for Sustainable Agricultural Protection:
- Attended 03 FDP, 02 International, 05 National and 19 State level Webinars
- Completed online course on “Aspirants of CSIR-NET in Life science” by Department of Zoology, Jamal Mohamed College, Tiruchirappalli.
- Received **TNSCST student Project** on “Role of Fungi Biodeterioration on Stone Monuments” for the academic year 2021-2022 and sanctioned amount of Rs.7500/-
- Received **TNSCST student Project** on “Fabrication of Ag@ mgo incorporated nano filter system for continuous removal of textile dyes” for the academic year 2024-2025 and sanctioned amount of Rs.7500/-